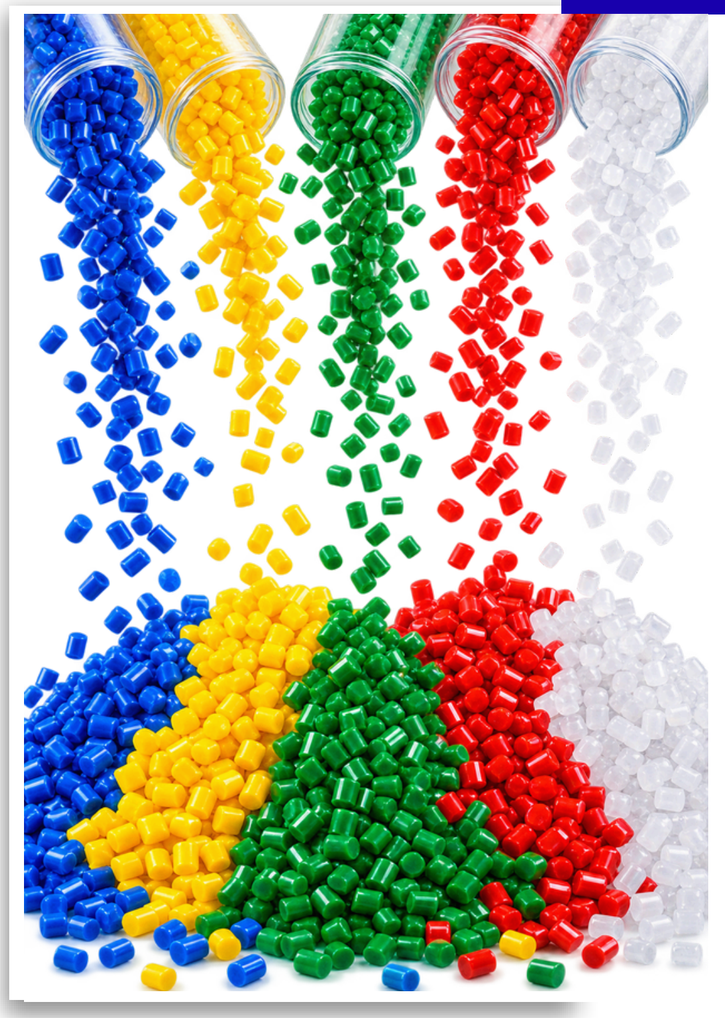
NIKKON
POLYMERS INDIA PVT. LTD.
Innovation in Plastics



www.nikkonpolymers.com

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ABOUT THE COMPANY

Nikkon Polymers India Pvt. Ltd. is a polymer compounds and polymer solutions provider serving a wide range of industrial applications. With **20+ years of manufacturing experience**, the company is focused on developing and manufacturing high-quality polymer compounds and customized material solutions for diverse customer requirements.

Nikkon Polymers is strongly committed to **technological advancement, research and development, product innovation and customized formulation development**. Its capabilities cover a broad portfolio of **polyolefin compounds, engineering polymer compounds, glass-filled polypropylene, glass-filled Nylon 6 and Nylon 66, thermoplastic polyolefin (TPO), colour masterbatches and other customized polymer compounds**.

The company provides a **one-stop solution for polymer compounding requirements**, offering material formulations and colour formulations suitable for processes such as **injection moulding, blow moulding and extrusion**. Its materials are developed for applications across **automotive interiors and exteriors, under-the-hood components, electrical and electronics, white goods, household products and agricultural applications**.

Quality and customer satisfaction are central to **Nikkon Polymers** operations. The company maintains a dedicated quality-management approach, supported by advanced production and testing equipment, to monitor quality parameters throughout the manufacturing process. Its stated focus is on delivering **consistent product quality, competitive and cost-effective solutions, timely technical support and customer-specific material performance**.



COMPANY VISION & MISSION

Our Vision

“To become a trusted, technology-driven and innovative polymer solutions partner, delivering high-quality and application-focused materials that create long-term value for customers and contribute to the advancement of the plastics industry.”

Nikkon Polymers' vision is centered on **continuous technological advancement and innovation**. The company states that it is strongly dedicated to recent technological developments and R&D activities, with the objective of staying at the cutting edge of technological breakthroughs and applying them to the specific requirements of its customers.



Our Mission

“To develop and deliver high-quality, consistent and cost-effective polymer compounds and colour solutions that meet or exceed customer requirements, supported by advanced technology, R&D, strong quality management and dedicated technical service.”

This mission closely reflects Nikkon's stated quality-assurance objective: providing **complete customer satisfaction** through high-quality products that offer distinct value and meet or exceed customer requirements, together with dedicated and timely technical service and support.

COMPANY OVERVIEW

Company Name	:	Nikkon Polymers India Pvt. Ltd.
Industry	:	Plastics / Polymer Compounding
Business Type	:	Polymer Compound Manufacturer & Solution Provider
Core Expertise	:	Engineering Polymers & Polymer Compounds
Experience	:	20+ Years of Manufacturing Experience*
Location	:	Chakan, Pune, Maharashtra, India
Manufacturing Focus	:	Polymer Compounds & Customized Polymer Solutions

Major Markets	:	Automotive, Electrical & Electronics, White Goods, Household, Engineering & Agricultural Applications
Processing Technologies Supported	:	Injection Molding, Blow Molding & Extrusion
Quality System	:	ISO 9001:2015
Technical Capability	:	R&D, Material Development, Testing & Technical Support
Colour Capability	:	Customized Colour Formulations / Masterbatches
Website	:	www.nikkonpolymers.com

PEOPLE & TEAM

- MANAGEMENT
- PRODUCTION
- QUALITY
- R&D / TECHNICAL
- MARKETING
- ACCOUNTS
- PURCHASE
- STORES
- HR & ADMINISTRATION
- MACHINE OPERATORS
- PRODUCTION HELPERS

OUR IDENTITY

Nikkon Polymers positions itself as a **one-stop solution provider for polymer compounding requirements**, combining material development, colour formulation, production, quality testing and technical support. The company's approach is built around:



CONSISTENT PRODUCT QUALITY

Delivering reliable and consistent quality in every batch.



CUSTOMIZED POLYMER SOLUTIONS

Tailor-made formulations as per your application requirements.



COMPETITIVE PRICING

Cost-effective solutions that deliver maximum value.



TIMELY DELIVERY

On-time delivery to ensure your production and supply chain efficiency.



TECHNICAL SUPPORT

Expert technical assistance at every stage of your journey.



CONTINUOUS IMPROVEMENT

Driven by innovation and continuous process improvement.



CUSTOMER-SPECIFIC FORMULATIONS

Solutions designed for your unique needs and applications.



QUALITY MANAGEMENT

Rigorous quality control system to meet global standards.



RESEARCH & DEVELOPMENT

Continuous R&D to develop advanced materials for future needs.

COMPANY CERTIFICATION

International Management System Certificate

ACPL Audittech Certification Pvt. Ltd.

This certificate is here by awarded to

NIKKON POLYMERS INDIA PRIVATE LIMITED

NEAR TATA DLT, GROUND FLOOR, GAT NO 959, OPPOSITE VOLKSWAGEN, TALAWADE CHAKAN ROAD, NIGHOJE, CHAKAN, PUNE - 410501, MAHARASHTRA, INDIA.

on being successfully audited by ACPL approved auditor(s), is found to comply with the requirements of

ISO 9001 : 2015
Quality Management Systems

Scope of Certification:

MANUFACTURE, SUPPLY, EXPORT OF NYLON, ABS, PP, PC, PCABS, PLASTIC RAW MATERIALS.

Certification Issue Date: 29/06/2026
1st Surveillance Audit Due Date: 28/06/2027
2nd Surveillance Audit Due Date: 28/06/2028
Certification Expiry Date: 28/06/2029

Certificate Number: E20260649017

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF
EGAC Accredited QMS Certification CAB# 119012

Director (Certification)
Audittech Certification Pvt. Ltd.
(Formerly Royal Assessments Pvt. Ltd.)

Tower - B, iThum, Plot No. A - 40, Sector - 62, Noida 201301, India.
www.royalapl.com, info@royalapl.com Phone : +91 1146107691
This Certificate can be verified at www.iafcertsearch.org

This Certificate is an endorsement of certified clients certification status but remains the property of Audittech Certification Pvt. Ltd. Certificate must be returned on ACPL's request or if certificate is withdrawn. Validity of certificate is subject to successful completion of surveillance audits. ACPL is accredited by EGAC, Egypt. EGAC is member of International Accreditation Forum (IAF) and signatory of MLA.

UDYAM REGISTRATION CERTIFICATE

UDYAM REGISTRATION NUMBER	UDYAM-MH-26-0324075
NAME OF ENTERPRISE	M/S NIKKON POLYMERS INDIA PRIVATE LIMITED

TYPE OF ENTERPRISE *

SNo.	Classification Year	Enterprise Type	Classification Date
1	2025-26	Small	01/04/2025
2	2024-25	Small	27/04/2024
3	2023-24	Micro	09/05/2023
4	2022-23	Micro	26/09/2022

MAJOR ACTIVITY: **MANUFACTURING**

SOCIAL CATEGORY OF ENTREPRENEUR: GENERAL

NAME OF UNIT(S)

S.No.	Name of Unit(s)
1	NIKKON POLYMERS INDIA PRIVATE LIMITED

FFICAL ADDRESS OF ENTERPRISE

Flat/Door/Block No.	GAT NO 959/3	Name of Premises/ Building	NEAR VOLKSWAGEN
Village/Town	VILLAGE NIGHOJE	Block	TAL-KHED
Road/Street/Lane	OPP TATA DLT	City	PUNE
State	MAHARASHTRA	District	PUNE , Pin 410501
Mobile	8698074623	Email:	Nikkonn122@gmail.com

DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE: 05/08/2022

DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS: 09/09/2022

NATIONAL INDUSTRY CLASSIFICATION CODE(S)

SNo.	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit	Activity
1	22 - Manufacture of rubber and plastics products	2220 - Manufacture of plastics products	22209 - Manufacture of other plastics products n.e.c	Manufacturing

DATE OF UDYAM REGISTRATION: 26/09/2022

n case of graduation (upward/reverse) of status of an enterprise, the benefit of the Government Schemes will be availed as per the ovisions of Notification No. S.O. 2119(E) dated 26.06.2020 issued by the M/o MSME.

Disclaimer: This is computer generated statement, no signature required. Printed from https://udyamregistration.gov.in & Date of printing:- 28/06/2025

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: http://mpcb.gov.in
Email: robmw@mpcb.gov.in

Kalpataru Point, 2nd, 3rd and 4th floor, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai-400022

ORANGE/S.S.I (O60)/ Rev. ORANGE/I.S./(152.2)
No:- Format1.0/RO(BMW)/UAN
No.0000276556/CO/2603004223

Date: 22/03/2026

To,
M/s NIKKON POLYMERS INDIA PRIVATE LIMITED
Gat No. 959/3,Near Tata DLT, Opposite Volkswagen in Nighoje, Khed, Pune 410501
Khed,Pune-Pune

LiFE Lifestyle for Environment — Your Service is Our Duty

Sub: Grant of Consent to Establish & Operate under ORANGE/SSI Category.

Your application No.MPCB-CONSENT-0000276556 Dated 04.02.2026

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 and Rule 18(7) of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to operate is granted for a period up to 28/02/2030**
2. **The capital investment of the project is Rs.0.59 Crs. (As per C.A Certificate submitted by industry)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Plastic Granules From Waste Plastic	3000	MT/A
2	Collection Segregation & Bailing of scrap Waste Paper, Corrugated Boxes, MS ,SS , Plastic Scrap, Ferrous scrap.	1000	MT/A

Subject to obtaining EPR Registration as 'Plastic Waste Re-processor' from Central Pollution Control Board / Maharashtra Pollution Control Board as per provisions of Plastic Waste Management Rules, 2016 for the re-processing of scrap plastic.

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	0	As per Schedule-I	Not Applicable
2.	Domestic effluent	0.1	As per Schedule-I	Soaked in soak pit

M/s NIKKON POLYMERS INDIA PRIVATE LIMITED/CO/UAN No.MPCB-CONSENT-0000276556/Indus-id.277318 (22-03-2026 04:23:38 pm) /QMS.PO6_F02/00

COMPANY CERTIFICATION

NIKKON POLYMERS

Upcoming Certification





MANUFACTURING PROCESS

The manufacturing process of **Nikkon Polymers** for engineering polymer compounds is designed to ensure **consistent material quality, uniform dispersion, reliable performance and application-specific properties**. The process combines controlled raw-material handling, precision compounding, thermal processing, pelletizing, quality inspection and systematic packing to deliver finished polymer compounds suitable for demanding industrial applications.



A controlled manufacturing workflow ensures **consistent quality, uniform material properties and reliable performance** of polymer compounds.

Raw Material – Selection of polymers, fillers, fibres, pigments and additives.
Material Inspection – Checking materials against required specifications.
Weighing & Feeding – Accurate dosing according to the approved formulation.
Compounding / Twin-Screw Extrusion – Melting and blending materials under controlled conditions.
Mixing & Homogenization – Ensuring uniform dispersion of additives and fillers.
Filtration / Melt Processing – Removing contaminants and refining the polymer melt.
Pelletizing – Converting the processed polymer into uniform pellets.
Cooling & Drying – Stabilizing pellets and controlling moisture.
Quality Inspection – Testing material properties and appearance.
Packing – Packing approved material safely with batch identification.
Finished Goods – Proper storage of approved products.
Dispatch – Timely delivery according to customer requirements.

Process Flow: Raw Material → Inspection → Weighing & Feeding → Compounding → Homogenization → Filtration → Pelletizing → Cooling & Drying → Quality Inspection → Packing → Finished Goods → Dispatch

MANUFACTURING PROCESS



OUR CORE PRODUCTS

LIST OF PRODUCTS

Sr. No.	Material	Grade
1	UNFILLED 6 NYLON	NPI - PA 1600 BK
2	GF NYLON 6 15%	NPI - PA 1615 BK
3	GF NYLON 6 30%	NPI - PA 1630 BK
4	GF NYLON 6 30%	NPI - PA 1630 N1 BK
5	GF NYLON 6 30%	NPI - PA 1630 N1 BK (BKV30H2)
6	GF NYLON 6 50%	NPI - PA 1650 BK
7	UNFILLED 66 NYLON	NPI - PA 2600 BK
8	GF NYLON 66 30%	NPI - PA 2630 BK
9	GF NYLON 66 30%	NPI - PA 2630 N1 BK
10	GF NYLON 66 30%	NPI - PA 2630N + BK
11	ABS	NPI - AS 800 BK
12	ABS	NPI - AS 1100 BK
13	ABS	NPI - AS1500 BK
14	ABS	NPI - AS1500 BK (MAGNUM)
15	ASA	NPI - AS 1300 BK
16	PBT 30% GF	NPI - PBT 0030BK (POCAN)
17	PBT 30% GF	NPI - PBT 0030BK (REGULAR)
18	PC	NPI - PC 1700 BK
19	PC ABS	NPI - PCA 1400 BK
20	PC ABS	NPI - PCA 1425 PBK
21	PC ABS	NPI - PCA 1425D GREY
22	PC ABS	NPI - PCA 1400 BK (C 1200)
23	PC ABS	NPI - PCA 1425PBK (HG)
24	PPGF 20%	NPI - PPGF 0620 BK

Sr. No.	Material	Grade
25	PPGF 30%	NPI - PPGF 0630 BK
26	PPGF 40%	NPI - PPGF 0640 BK
27	PPCP	NPI - PPCP BK
28	PPCP	NPI - PPCP BK (3530)
29	PPTF 15%	NPI - PP 210 GRANITE BLACK
30	PPTF 20%	NPI - PPTF 1020 BK
31	PPTF 20%	NPI - PPTF 1010 BK [0101 APPX]
32	PPTF 20%	NPI - PPTF HIPOLYENE 1535BK (535I PIH)
33	PPTF 15%	NPI - PP GRANITE BLACK T 210 (012 MT BK)
34	PPTF 20%	NPI - PP GRANITE BK
35	PPTF 15%	NPI - PPTF BK (MA 220)
36	PPTF 10 %	NPI - PPTF 1035 G
37	PPTF 20 %	NPI - PPTF 1535 GB
38	PPTF 12 %	NPI - PPTF 125 MA BK
39	PPTF 20 %	NPI - PPTF 2035 BK
40	PPTF 20 %	NPI - PPTF 927 GB
41	PPCP	NPI - PP 1020 BK
42	PPTF 15 %	NPI - PPTF 3015 BK
43	PPTF 27 %	NPI - PPTF 8039 BK
44	PPTF 20 %	NPI - PPTF 8088 BK
45	PPTF 20 %	NPI - PPTF 2102 BK
46	PPTF 6 %	NPI - PPTF 3906 BK
47	PPTF 10 %	NPI - PPTF 3906 BK

OUR CORE PRODUCTS

Nikkon Polymers focuses on the **development, compounding and supply of thermoplastic and engineering polymer materials**.

01
PP Compounds

02
Glass-Filled Polypropylene

03
Nylon 6 / PA6 Compounds

04
Nylon 66 / PA66 Compounds

05
PBT Compounds

06
ABS Compounds

07
Engineering Polymer Compounds

08
Customized Polymer Formulations

09
Other Application-Specific Polymer Compounds

PP COMPOUNDS

Nikkon Polymers focuses on providing PP material solutions for customers requiring **consistent quality, application-specific performance and customized formulations**. Its PP portfolio is positioned for applications across automotive, household, agricultural and other industrial segments.

The company's **one-stop compounding approach** enables customers to source different polymer-compounding requirements under one roof, along with colour options according to customer requirements.

Polypropylene (PP) Compounds are specially formulated polypropylene-based materials developed by **Nikkon Polymers India Pvt. Ltd.** to meet the demanding performance, processing and appearance requirements of different industrial applications.

Nikkon Polymers manufactures **PP Compounds and Glass-Filled Polypropylene (GFPP)** as part of its broad polymer-compounding portfolio. The company develops commercialized material formulations and colour formulations suitable for processes including **injection moulding, blow moulding and extrusion**.

Through customized formulation, controlled compounding and quality-management practices, PP compounds can be engineered to achieve a suitable balance of **strength, stiffness, impact performance, dimensional stability, processability, appearance and cost efficiency**, depending on the end application.



PP COMPOUNDS

Polypropylene compounds are developed for applications where **low weight, processability, dimensional performance** and **cost efficiency** are important.

POTENTIAL APPLICATION AREAS


Automotive components


Interior components


Exterior components


Under-hood applications


Household products


Packaging


Industrial components


Agricultural products

ABS COMPOUNDS

Nikkon Polymers operates as a **polymer compounds and polymer solutions provider**, with a strong focus on technological development, R&D and customized requirements for industries including **automotive, electrical & electronics and white goods**.

The company's manufacturing approach includes commercialized material formulations and colour formulations designed for different processing technologies. Its broader engineering-polymer portfolio and one-stop compounding approach provide a platform for application-specific material development.

For ABS compounds, the product-development approach can be focused on achieving the appropriate balance between: **Impact Strength + Rigidity + Surface Finish + Dimensional Stability + Processability.**

ABS (Acrylonitrile Butadiene Styrene) Compounds are engineering thermoplastic materials developed by modifying the basic ABS polymer to achieve specific combinations of **impact strength, rigidity, dimensional stability, surface appearance, processability and application performance**.

For a corporate product profile, ABS Compounds can be positioned within Nikkon Polymers' broader **engineering polymer and customized polymer-compounding solutions**. Nikkon Polymers states that it develops commercialized material and colour formulations for **injection moulding, blow moulding and extrusion**, and supplies polymer compounds for automotive, electrical & electronics, white goods, household and other applications.

Important: The current Nikkon website and brochure available online do **not provide a detailed, grade-by-grade ABS product datasheet or specific ABS technical specifications**. Therefore, the technical properties and application categories below describe ABS compound technology generally; specific Nikkon ABS grades, values and certifications should be added only from approved Nikkon technical datasheets.



ABS COMPOUNDS

Acrylonitrile Butadiene Styrene – ABS

ABS is a modified thermoplastic suitable for applications requiring performance, dimensional stability and good appearance.

ABS formulations can be modified using:

Glass fibre | Mineral fillers | Other additives

to obtain application-specific characteristics.

KEY PROPERTIES

- Chemical resistance
- Surface brightness
- Impact resistance
- Dimensional stability
- Low-temperature performance
- Low shrinkage
- Surface appearance

APPLICATIONS

- Automotive components
- Household appliances
- Communication equipment
- Digital equipment
- Office equipment
- Electrical applications
- Consumer products

PA6 / PA66 ENGINEERING NYLON COMPOUNDS

Nikkon Polymers specifically lists **Glass Filled Nylon PA6 & PA66** among its manufactured polymer compounds. The company states that its portfolio includes both polyolefin and engineering polymer compounds for applications across automotive, household and agricultural products, as well as automotive interior, exterior and under-hood applications.

The company's approach combines: **Engineering Polymer + Reinforcement + Additives + Colour + Processing Expertise + Quality Control.**

This enables material solutions to be selected or developed according to the requirements of the finished component.



PA6 – Polyamide 6
PA6 is an engineering nylon known for a useful combination of: Mechanical strength, Toughness, Stiffness, Wear resistance, Good processing characteristics, Thermal performance, Chemical resistance
It is used extensively for technical components where conventional commodity plastics may not provide the required performance.

PA66 – Polyamide 66
PA66 is another important engineering nylon offering strong mechanical and thermal performance. Compared with many general-purpose thermoplastics, PA66 is particularly attractive for applications requiring: Higher stiffness, Good strength retention, Thermal resistance, Dimensional performance, Mechanical durability, Long-term engineering performance

The actual performance of PA6 and PA66 compounds depends heavily on formulation, reinforcement level, additives, moisture condition and processing parameters.

PA6 / PA66 ENGINEERING NYLON COMPOUNDS

PA6 / PA66 – Engineering Nylon Compounds

Nylon 6 and Nylon 66 are **high-performance engineering polymers** used where higher mechanical and thermal performance is required.

Nikkon Polymers manufactures various grades suitable for **injection molding**.

APPLICATION SECTORS

- Automotive
- Electrical
- Industrial equipment
- Electrical panels
- Cables and connectors
- Telecommunications
- Consumer electronics
- Furniture
- Packaging

GLASS FILLED POLYPROPYLENE COMPOUNDS

Nikkon Polymers identifies **Glass Filled Polypropylene** as a dedicated product within its polymer-compounding portfolio. Its published information also states that the company manufactures its polymer compounds and colour masterbatches under one roof, supporting a **one-stop solution** for customer compounding requirements.

The company's stated approach combines: **Material Development + R&D + Compounding + Colour Solutions + Quality Management + Technical Support.**

Nikkon also states that it has developed commercialized material formulations and different colour formulations suitable for **injection moulding, blow moulding and extrusion**.
Glass Filled Polypropylene (GFPP) Compounds are reinforced polypropylene materials in which glass fibre is incorporated into a polypropylene matrix to enhance selected mechanical, structural and dimensional properties.

Nikkon Polymers India Pvt. Ltd. specifically lists **Glass Filled Polypropylene** among its manufactured polymer-compound products. The company describes itself as a polymer-compounds and polymer-solutions provider and states that its portfolio includes PP Compounds, Thermoplastic Polyolefin, Glass Filled Polypropylene, Glass Filled Nylon 6 & 66, colour masterbatches and other polymer compounds.

Nikkon Polymers' current brochure describes the company as having **20+ years of manufacturing experience** and highlights its focus on technological advancement, R&D and application-specific requirements for the **automotive, electrical & electronics and white-goods industries**.

GFPP is particularly valuable where a conventional unfilled PP material does not provide sufficient **stiffness, strength, dimensional stability or load-bearing performance** for the intended component.



GLASS FILLED POLYPROPYLENE COMPOUNDS, AUTOMOTIVE APPLICATIONS

Automotive is one of the principal industries identified by Nikkon Polymers for its polymer-compounding solutions. The company describes applications covering **automotive interior, exterior and under-hood components.**



GFPP CAN BE CONSIDERED FOR AUTOMOTIVE COMPONENTS REQUIRING AN EFFECTIVE COMBINATION OF:

- Low weight
- Stiffness
- Mechanical strength
- Dimensional stability
- Processability
- Cost efficiency

POTENTIAL AUTOMOTIVE APPLICATIONS

INTERIOR


Structural supports


Instrument-panel-related components


Console components


Brackets


Housings


Covers


Functional components

PBT – Polybutylene Terephthalate

PBT (Polybutylene Terephthalate) is a high-performance engineering thermoplastic polyester known for its excellent combination of mechanical strength, stiffness, dimensional stability, electrical insulation and chemical resistance.

PBT offers good processability and fast crystallization, making it suitable for precision injection-moulded components. It is widely used in automotive, electrical & electronics, white goods, household and industrial applications.

PBT is widely used for technical components where a combination of mechanical performance, dimensional accuracy, electrical properties and processing efficiency is required.

For demanding applications, PBT can also be modified or reinforced with materials such as glass fibre, mineral fillers, impact modifiers, flame-retardant systems and other additives.

PBT provides good mechanical strength for technical components and can be reinforced further where higher structural performance is required.

PBT provides a useful balance of rigidity and toughness, particularly in reinforced grades. PBT is suitable for applications where maintaining component dimensions and tolerances is important.



PBT – Polybutylene Terephthalate

PBT | Polybutylene Terephthalate

A high-performance engineering thermoplastic polyester known for its excellent balance of mechanical, electrical and thermal properties.

Key Features

High Mechanical Strength & Stiffness
Provides excellent load-bearing capability and structural performance.

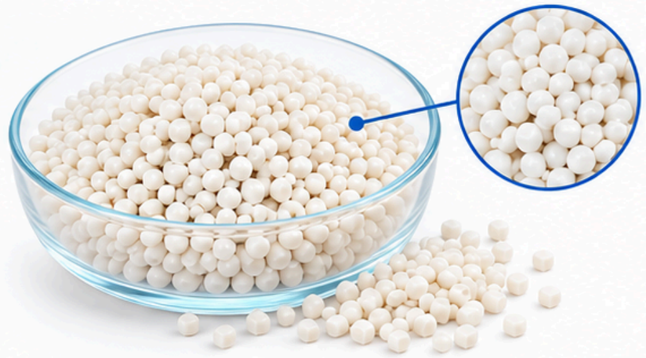
Dimensional Stability
Maintains consistent dimensions and tolerances, even under varying conditions.

Electrical Insulation
Suitable for electrical and electronic applications with excellent insulating properties.

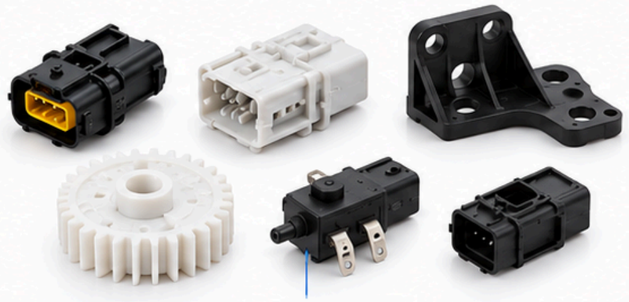
Chemical Resistance
Resistant to oils, fuels, solvents and automotive fluids (depending on grade and exposure conditions).

Good Surface Finish & Appearance
Delivers smooth and attractive finishes for technical and visible components.

Fast Crystallization & Good Processability
Allows efficient processing cycles and improved productivity.



PBT Granules
(for injection moulding and other processes)



PBT Components
(examples)

Applications

PBT is widely used across various industries for components that require strength, stability and reliability.

Automotive
- Electrical connectors
- Sensor housings
- Brackets and mounting components
- Under-hood parts

Electrical & Electronics
- Connectors
- Terminal blocks
- Switch components
- Electronic housings

White Goods
- Appliance electrical components
- Motor-related parts
- Housings and brackets

Industrial
- Machine components
- Technical parts
- Structural components

Household & Others
- Consumer products
- Agricultural equipment
- General industrial applications

PC/ABS

PC/ABS is an engineering thermoplastic blend that combines the high impact strength and heat resistance of Polycarbonate (PC) with the good processability, surface finish and toughness of ABS.

It provides a balanced combination of strength, impact resistance, dimensional stability, appearance and processing performance, making it suitable for a wide range of technical and consumer applications.

PC/ABS is an engineering polymer blend combining selected properties of polycarbonate and ABS, providing a balance of impact performance, stiffness, surface appearance, dimensional stability and processability.

It is particularly relevant to technical housings, automotive components, electrical & electronic products, white goods and consumer applications where both functional performance and appearance are important.

Nikkon Polymers' broader polymer-compounding capabilities include R&D, customized formulations, colour solutions, quality management and technical support.

The company states that its material and colour formulations are developed for a range of processing technologies, including injection moulding, blow moulding and extrusion.



PC/ABS

PC/ABS

Polycarbonate / Acrylonitrile Butadiene Styrene



Key Features

- High Impact Strength
- Excellent Heat Resistance
- Good Dimensional Stability
- Weather & UV Resistance
- Easy Processability
- Good Surface Finish & Aesthetics

Applications



Automotive Components



Electronics Enclosures



Home Appliances



Industrial Equipment



Consumer Goods



Medical Devices

LABORATORY & TESTING FACILITIES

Nikkon Polymers maintains a dedicated **laboratory and testing facility** to support quality control, material development and consistent performance of polymer compounds. The laboratory is equipped with testing instruments used to evaluate the **mechanical, thermal, physical, flow and colour properties** of polymer materials.

Key Testing Facilities

Universal Testing Machine (UTM) – For evaluating tensile and mechanical strength.
Izod & Charpy Impact Tester – For measuring impact resistance and toughness.
Muffle Furnace Tester – For controlled high-temperature testing and material evaluation.
MFI Fully Automatic Tester – For measuring melt flow characteristics of thermoplastic materials.
Fully Automatic Density Tester – For accurate density measurement of polymer compounds.
Colour Spectrophotometer – For colour measurement, matching and consistency control.
Hot Air Oven – For controlled heating, drying and thermal testing.
UTM Machine – For mechanical and strength-related material testing.

Laboratory Supports

Quality Control • Product Development • Material Testing • Colour Matching • Batch Consistency • Application-Specific Evaluation

These testing capabilities help Nikkon Polymers maintain **consistent product quality, reliable material performance and customer-specific polymer solutions**.

LABORATORY & TESTING FACILITIES



Specific Gravity Tester



Moisture Balance Tester



Melting Point Tester



MIF Tester



HDT / VSP Tester



UTM Tester



Colour Spectro



Muffle Furnace

LABORATORY & TESTING FACILITIES (Molding Machine)



CONTACT US


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THANK YOU



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