

inox *Polymers*

Speciality of Polymer Compounds





LENOX[®]

Engineering Plastics
ABS, PC-ABS,
FR Engineering
Plastics

We have
Two
Brands


POLYNOX[®]


PP Compounds &
Thermoplastic
Polyolefin's material's




We are glad to introduce **Inox Polymers Pvt. Ltd.** as a leading manufacturer of all types of compounded general as well as engineering plastics. Inox compound's standard grades have been developed specially to meet the requirements of customers.

We are readily modified by both the addition of additives and grades available include Talc filled, glass filled, mineral filled, flame retardant and fully colored in customized colors with narrow color specifications color ability even in bright colors are also available.

 **PA (Nylon) 6/ 66:** PA GF, PA FR Compounds. All these compounds are also available with customized color specifications and available with required properties.

 **PP (Polypropylene):** PP TF, PP MF, PP GF, PP FR, PP Impact, EPDM. All products are available in different colors or on demand.
Uses: Automobile parts, Electrical Appliances etc.

 **ABS (Acrylonitrile Butadiene Styrene):** ABS FR, ABS GF, ABS HR, ABS Extrusion, PC/ABS Alloys, fully customized colors with narrow color specifications even in bright colors are also available with tailor made properties.

Uses: Enclosures for electrical and electronic assemblies, protective headgear, Kitchen appliances and consumer goods etc.



Polyamide Engineering Thermoplastics

(Nylon 6, Nylon 66 speciality for high temperature applications
for injection molding Grade)

Inox High Performance Polymers offers PA6/66 materials – sold under the **Lenox**[®] Brand Name, **Inox Polymers** wide range of polyamide engineering thermoplastics used in a great variety of automotive, electrical/electronics, industrial and consumer goods applications.

Products combine the exceptional properties inherent in polyamide – high stiffness, mechanical resistance, impact strength (particularly in the conditioned state), excellent flow ability, wear resistance, good electrical insulation properties and high chemical resistance – with ease of processing when using the most widespread technologies.

The versatility of polyamide provides the potential to expand their properties and adapt them to a broad range of needs by designing and developing new speciality formulations and, in some cases, tailor-made products to meet application specifications.

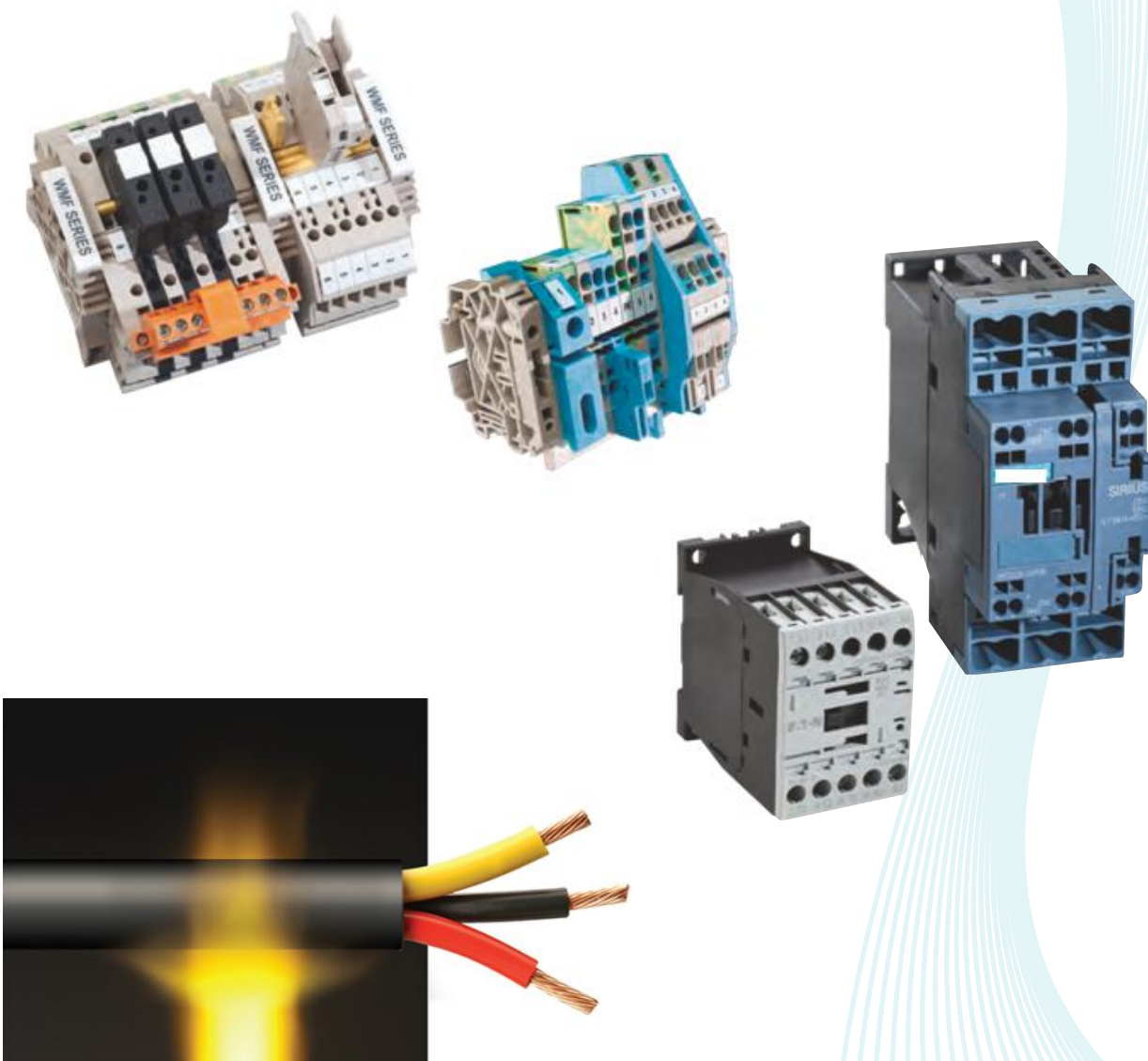
Inox Engineering Plastics addresses key markets in automotive and electronics, and provides solutions to specialized industries industrial and consumer goods applications.



Flame Retardant Compounds

Producing halogen free flame retardant materials relies on formulating compounds that meet specific performance criteria for fire prevention and confirm to frequently updated compliance regulations. Compounding for flame retardance requires high fill levels to be processed at controlled temperatures. Several retarding materials are used as fillers to moderate flammability, heat release, reduce smoke and fume generation.

Injection molding, Flame-retardant Engineering Plastics Compounds, modified by Glass and talc alloy material with high heat resistance, flame retardant, smooth appearance and good low temperature toughness, Main Applications, Electronic Appliances, Power Communications, switches, connectors and Automotive industries.



PP Compounds & Thermoplastic Polyolefin's

PP Compounds & Thermoplastic Polyolefin's materials – sold under the **Polynox®** Brand Name, **Inox polymers** are one of the largest producers of versatile plastic resins, such as polypropylene, polypropylene compounds and polyethylene. These materials produce a variety of products that are used to advance solutions in nearly every sector.

Polypropylene compounds are thermoplastic resins produced using a blend of one or more base Polyolefin's with various components such as impact modifiers, fillers and reinforcements, pigments and additives. These Polypropylene Compounds offer a broad range of characteristics and are used in a wide variety of customer applications for automotive, electrical appliances, building and construction and furniture components.
















R&D and Quality Control

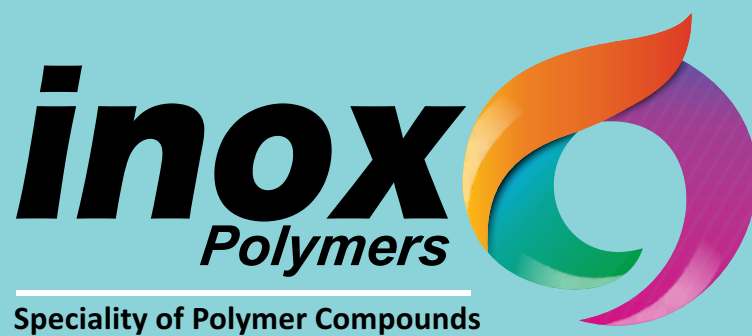
We are committed towards excellence in quality, performance and customer service. We firmly believe in offering superlative quality to our esteemed customers. Our R&D team strives to develop new products to meet the changing needs of customers. Beside our expertise in color matching, we can draw on our long experience of application knowledge to tailor the product to exactly meet a customer requirement.

Color matching begins at the experienced hands of engineers, experts and trained staff who match the shade using specialized color matching software on spectra photo meters. Similarly, compounds are tailor made to the customer's exact requirement after thorough R&D on physical and chemical testing apparatus.

Tests on raw materials, the preparation of samples and checks on every lot ensure consistency and reliability for all the application needs. **Inox** offers high quality products which meet International Standards.

TESTING LAB EQUIPMENTS

-  Universal Testing Machine
-  Melt flow index
-  Izod impact /charpy impact
-  Colour spectrophotometer
-  Notch cutter
-  Muffle furnace
-  Colour both
-  Density kit
-  Odour Testing
-  Moisture Analyzers
-  Hot air Oven
-  Injection molding machine
-  ASTM /ISO Mold



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