



Your Satisfaction Our Promise



# PRODUCT CATALOGUE

A COMPLETE  
**ENGINEERING**  
SOLUTION



## QRC POLYMERS PVT. LTD.



## ABOUT BUSINESS

“**QRC POLYMERS Pvt. Ltd.**” An ISO 9001:2015 certified company incorporated in 2019, take pride in introducing ourselves as a customer-oriented **manufacturer**, whose focus is to attain cent percent satisfaction of our clients. Products like **Cast Polyurethane Elastomers components, Engineering Plastic Products, Machinery Components** are manufactured by us that are sold all around globally at industrial leading rates. Each of our sourced polymer possess distinct quality and characteristic, whereas some major features exhibited by each of our offerings includes chemical, electrical and thermal resistance, possessing significant grade of strength.

Our offered products are widely acknowledged in the market for their qualitative features such as easy installation, precise dimensions, application specific design, excellent finish. All the products offered by QRC has to pass through the strict surveillance of our stringent quality control department to ensure all our customer get all components meet with the international quality standard.

## Products Offered By Us: -

- 1 Cast Polyurethane Components (Wheels, Rollers, Pads & Custom Parts)
- 2 Engineering Plastic Shape & Size (Rod, Sheet & Tube)
- 3 Engineering Plastic Components (As per customer requirements)
- 4 Metal's Machinery parts (As per customer requirements)





# CAST POLYURETHANE MOULDED COMPONENTS



We manufacture and supply various types of Hi - Performance Cast Polyurethane components and other polyurethane products engineered for multipurpose industrial application in the global market. Polyurethane Custom Molded Products that is available in various sizes, designs as per our clients' requirements. Manufactured by using imported premium quality of raw material, the entire range of Polyurethane Products is stringently tested on certain set parameters to ensure international quality standards. To meet all the requirements of clients, our Custom Polyurethane Molders are available in various specifications and can be perfectly tailored as per the clients' demands.

We offer a complete line of polyether and polyester urethanes, ranging in hardness from Shore 25A to Shore 80D. We can cast parts as small as a few grams or up to several hundred kilos.

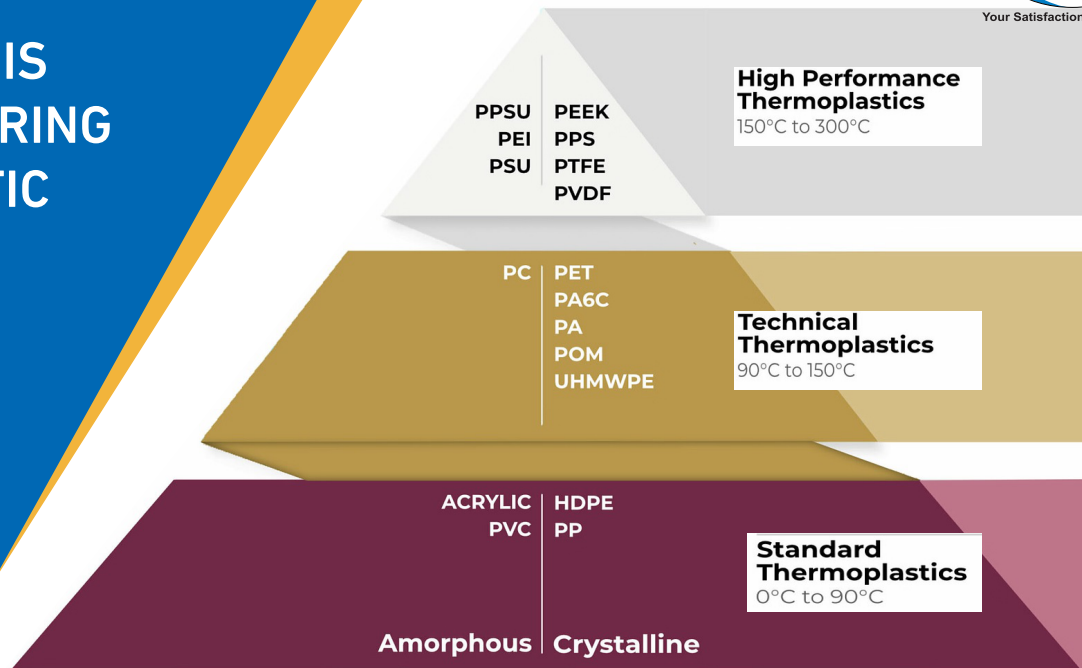
## Applications

- 1 Textile & Loom Industries
- 2 Printing Industries
- 3 Material Industries
- 4 Packaging Industries
- 5 Mining & Mineral Industries
- 6 Automotive
- 7 Oil, Chemical and Marine
- 8 Construction and earthmoving

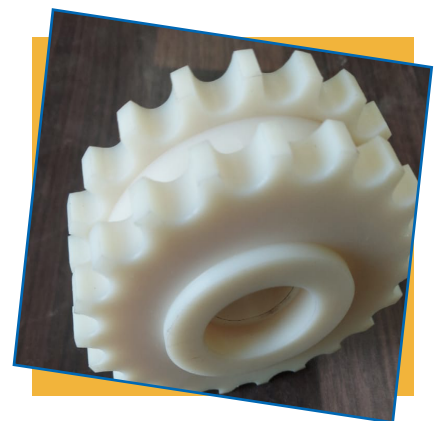
## Feature:

- 1 Outstanding abrasion Resistance
- 2 Strong Bonding to Metals & Plastics
- 3 High tensile strength
- 4 Resistance to Oil, grease, Chemical & Lubricants
- 5 High Load Bearing Capacity
- 6 Excellent Hydrolytic Stability
- 6 Good Machining properties
- 6 Good damping properties
- 6 Low Co-efficient of Friction
- 6 Wide Hardness range (25A – 80D)
- 6 Ultra Tough Tear Strength
- 6 Wide Resilience, High Elasticity
- 6 Good Thermal Resistance
- 6 Lightweight-easy & economic to install

# WHAT IS ENGINEERING PLASTIC



Engineering Plastics are a group of plastic materials that have better mechanical and thermal properties than the more widely used commodity plastics. Engineering plastics and high-performance plastics are our main business. Engineering plastics have a whole array of benefits to offer, and in many cases can effectively replace metals or ceramics. Moreover, engineered plastic components often provide the only alternative when it comes to the implementation of unusual technical applications - which makes them a true pacemaker for innovation in every key of industry. Ensinger processes a wide variety of engineering plastic and thermoplastic polymers, which possess better mechanical and/or thermal properties than the more widely used standard plastics such as polystyrene, PVC and Polyethylene. In comparison to widely used commodity plastics for packaging as PE, PP, PVC, engineering plastics are chosen in case of higher requirements in mechanical strength or thermal resistance, but are not as sophisticated and expensive as high temperature plastics. Material blends and modifications permit product characteristics to be optimized across a broad range to suit different applications. Engineering plastics consequently cover a wide spectrum of different properties. Engineering plastics can be used permanently at temperatures between 100°C and 150°C. In general, this product group is also referred to as technical thermoplastics.





# ENGINEERING PLASTIC PRODUCTS



Sheets, Rod, Tubes, Bushes, Wear Pads, Cams, Star Wheels, Feed Screws, Shatter Guards, Rollers, Wheels, Oil Seals, Agitators, Guides, Supports, Coupling, Cable Sheaves, Slides, Guide Ring, Washers, Gears, Pulleys, Slew Rings, Rope Guides, Trolley Wheels, Thrust Washers, Sleeves, Wear Plates, Elevator Buckets.

SR.NO	PRODUCTS	MAKE
1.	CASTNYLON	INDIAN / GERMAN
2.	METALON/QURALON	INDIAN
3.	POLYETHERETHERKETONE (PEEK)	GERMAN
4.	UHMWPE	GERMAN
5.	POLYOXYMETHYLENE PLASTIC (POM/ ACETAL)	INDIAN / GERMAN
6.	POLYTETRAFLUOROETHYLENE (PTFE)	INDIAN / GERMAN
7.	POLYETHYLENE TEREPHTHALATE (PET)	GERMAN
8.	PPH	GERMAN
9.	HDPE	INDIAN / GERMAN
10.	POLYPROPYLENE (PP)	INDIAN
11.	POLYURETHANE (PU)	INDIAN
12.	PVC	GERMAN
13.	POLYCARBONATES (PC)	GERMAN
14.	NYLON 66	GERMAN

## Applications

- 1 Electrical connectors
- 2 Gear, slide, cams and bearings
- 3 Automotive
- 4 Sports & recreational equipment
- 5 Bearings, Rollers
- 6 Wheels & wear components
- 7 Medical Equipments
- 8 Wear Pads, Bushings

## Feature:

- 1 High Tensile Strength
- 2 Light Weight
- 3 High Modulus Of Elasticity
- 4 High Impact Resistance
- 5 Resistance Wear, Abrasion, And Vibration
- 6 Chemical Resistance To Alkalis, Dilute Acids
- 7 Good Mechanical Characteristics
- 8 Excellent Machinability And Dimensional Stability
- 9 Good Wear Resistance

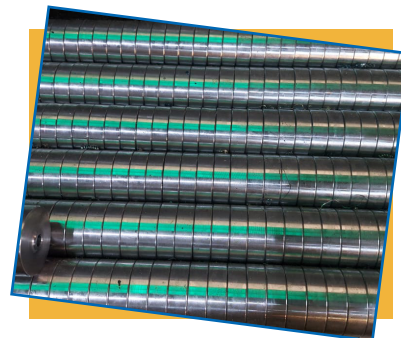
# ENGINEERING PLASTIC MACHINED COMPONENTS



Engineering Plastics have gradually replaced traditional engineering materials such as metal, glass or ceramics in many applications. Besides equaling or surpassing them in weight/strength and other properties, engineering plastics are much easier to manufacture especially in complicated shapes.



# METAL'S MACHINERY COMPONENTS



We are leading manufacturer and supplier of Machine Components, which are made under the supervision of qualified and experienced professional by following International quality norms. Our range of Machined Components is developed from supreme quality raw material like steel, alloy steel and many more. Our company offers a wide gamut of Machined Component, which is available in different sizes and shapes.

Our gamut finds its application in various industries and we also provide customization as per client specification. We made these products using latest manufacturing techniques and modern machines, which enhanced quality, empowered durability.



**MATERIAL  
HANDLING  
EQUIPMENTS  
SPARE PARTS &  
SERVICES**



Drum Lifter



Die Loder



Floor Crane



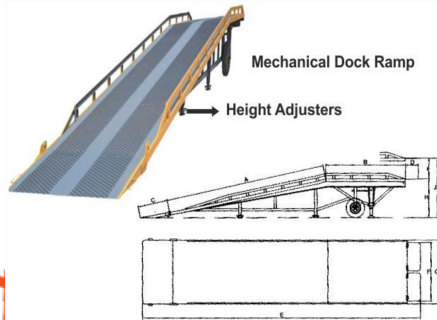
Hand Pallet Truck



Manual Stacker



Scissor Lift



Mechanical Dock Ramp

Height Adjusters



Trolley



Goods Lifter



Spare Parts



Trolley



Trolley



Hydraulic goods Lift



Wall Mount Stacker



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