

Technical Data Sheet

Product Description

PP-K8003 is a polypropylene copolymer designed for injection molding applications. The resin is suitable for products such as household appliances, automobile parts, sports equipments and power tools.

Features

High impact strength and high stiffness

Typical Properties

No.	Resin Properties	Test Method	Unit	Typical value
1	MFR(2.16kg,230℃)	GB/T 3682.1-2018	g/10min	2.2
2	Flexural Modulus	GB/T 9341-2008	MPa	970
3	Tensile Stress@Yield	GB/T 1040.2-2022	MPa	23
4	Charpy Impact Strength Notched 23℃	GB/T 1043.1-2008	KJ/m ²	56
5	Charpy Impact Strength Notched -20℃	GB/T 1043.1-2008	KJ/m ²	6.5
6	Deflection Temperature Under Load (Tf 0.45)	GB/T 1040.2-2022	℃	75

Note: The values listed above are typical values for reference purpose only and shall not be construed as specifications

Product transportation

PP resin is a non-hazardous goods. Throwing and using sharp tools like hook is strictly forbidden during transportation. Vehicles should be kept clean and dry. it must not be mixed with sand, crushed metal, coal and glass, or toxic, corrosive or flammable materials in transportation. It is strictly forbidden to be exposed to the sun or rain.

Product storage

This product should be stored in a well ventilated, dry, clean warehouse with effective fire protection facilities. It should be kept far away from heat sources and direct sunlight. The storage is strictly prohibited in open air. A rule of storage should be followed. The storage period is not more than 12 months since the date of production.