

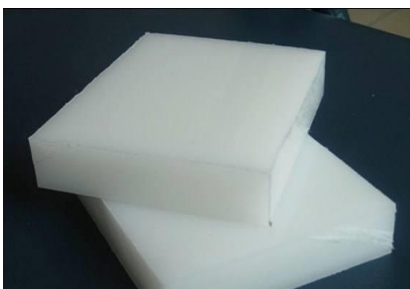
**K8003** is produced by Oriental Energy (Ningbo) New Materials Co., Ltd. based on Innovene™ process technology of Ineos. K8003 is a co-polymer PP grade produced with advanced catalyst. This type of PP shows stable performance and easy processing. It is mainly used for injection molding processing, packaging materials and Plate material.

#### **Product Features**

High strength, good rigidity;  
Excellent electrical insulation;  
Wide service temperature.

#### **Applications**

Injection molding;  
extrusion molding;  
blending modification.



#### **Typical Properties**

No.	Resin Properties		Test Method	Unit	Typical value
1	Melting Flow Rate(MFR)		GB/T 3682-2000	g/10min	2.5
2	Tensile Strength at Yield ( $\sigma_y$ )		GB/T 1040.2-2006	MPa	25
3	Flexural Modulus ( $E_f$ )		GB/T 9341-2008	MPa	850
4	Charpy Impact Strength (Notched)	23°C	GB/T 1043.1-2008	KJ/m <sup>2</sup>	45
		-20°C		KJ/m <sup>2</sup>	4

Note: (1) The values listed above are typical values for reference purpose only and shall not be construed as specifications. (2) Passed the FDA\RoHS\SVHC testing of SGS.

#### **Product safety compliance**

K8003 complies with GB4806.6-2016 "National Food Safety Standard for Food Contact Plastic Resin", US Food and Drug Administration (FDA) 21CFR 177.1520 (C) 1.1a, EU RoHS Directive requirements, EU No. 1907/2006 Reach regulations, passed the screening test requirements for 201 substances of high concern (SVHC) ; K8003 does not intentionally introduce plasticizers and other additives that does not comply with national regulations, but the user is responsible for verifying its final product compliance with applicable regulatory requirements.

#### **Product package**

PP resin can be packaged by polypropylene woven bags lined with polyethylene film or other packaging forms. The net weight of each bag can be 25kg or other.

#### **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.

Compiled date: March 15, 2021

Version: 001

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