

TECHNICAL DATA SHEET

Polypropylene PPB-M03(K8003)

Product Polypropylene Resin PPB-M03(K8003)

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HS code 39021000

PPB-M03(K8003)

Type PP Co-polymer

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Description

Polypropylene, a kind of non-toxic, odorless, tasteless opalescent polymer with high crystallization, the melting point among 164-170°C, the density among 0.90-0.91g/cm³, the molecular weight is about 80,000-150,000. PP is one of the lightest plastic of all varieties at present, particularly stable in water, with a water absorption rate in water for 24 hours is only 0.01%.

Application Direction

The grade produced by the HORIZONE gas-phase polypropylene process of Japanese JPP company. It can be used to make industrial products such as automobile parts, battery shells and oil tanks, as well as daily sundries such as kitchen wares, toys, tool boxes, travel bags, and various kinds of packaging containers.

Product Packaging

In 25kg bag, 16MT in one 20fcl without pallet or 26-28MT in one 40HQ without pallet or 700kg jumbo bag, 26-28MT in one 40HQ without pallet.

Typical Characteristic

ITEM	UNIT	INDEX	TEST METHOD
Melt mass flow(MFR) Standard value	g/10min	2.5	GB/T 3682.1-2018
Melt mass flow(MFR) Deviation value	g/10min	±0.3	GB/T 3682.1-2018
Tensile yield stress	Mpa	≥ 22.0	GB/T 1040.2-2006
Flexural modulus(Ef)	Mpa	≥ 900	GB/T 9341-2008
Charpy notched impact strength (23°C)	KJ/m2	≥ 46	GB/T 1043.1-2008
Heat deflection temperature under load(Tf0.45)	°C	≥ 80	GB/T 1634.2-2019



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