

TECHNICAL DATA SHEET

Polypropylene PPB-M03(K8003)

Description

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

Application direction

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

Packed in 25 kg or 700 kg bag.

Typical Characteristic

ITEM	UNIT	INDEX	TEST METHOD
Melt mass flow rate(MFR) Standard value	g/10min	2.5	GB/T 3682.1-2018
Melt mass flow rate(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/m ²	≥ 46	GB/T 1043.1-2008
Heat deflection temperature under load(Tf0.45)	°C	≥ 80	GB/T 1634.2-2019



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