

TECHNICAL DATA SHEET

Polypropylene PP-HP500NB

Product Polypropylene Resin PP-HP500NB
HS code 39021000
Type PP Injection, homo-polymer
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PP-HP500NB

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Description

PP-HP500NB 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

PP-HP500NB produced by Lyondell Basell factory which located in Liaoning city, in east-north China. It is mainly used in injection molding processing, and can be processed into products such as food containers, toys, packaging boxes, vases, and garden plastic equipment.

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 rate(2.16kg/230°C)	g/10min	12	ISO 1133-1
Vicat Softening Point (A/50N)	°C	153	ISO 306
Tensile yield stress	Mpa	35	ISO 527-1,-2
Flexural modulus(Ef)	Mpa	1475	ISO 178
Charpy notched impact strength (23°C)	KJ/m ²	3	ISO 306
Melt mass flow rate(2.16kg/230°C)	°C	95	ISO 75B-1,-2
Heat Distortion Temperature (0.45Mpa)	g/10min	12	ISO 1133-1



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