

TECHNICAL DATA SHEET

Polypropylene PPB-4228

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Product Polypropylene Resin PPB-4228

HS code 39021000

Type PPR pipe, Co-Polymer

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Description

Polypropylene(PP) , 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

Polypropylene PPB4228 adopts the Spheripol-II process of Lyondell Basell. It is an impact copolymer polypropylene with high heat resistance, washing resistance, good precessing performance, and excellent impact toughness. It is mainly used for making cold water pipes, large hollow parts for extrusion blow molding of Industrial and automotive parts. Extrusion produces high impact products in sheet for tooling and thermoforming.

Product Packaging

In net weight of 25kg bag, 15.5-16MT in one 20fcl without pallet or 26-28MT in one 40HQ without pallet or 700kg jumbo bag, 28MT at most in one 40HQ without pallet.

Typical Characteristic

ITEM	UNIT	INDEX	RESULTS	TEST METHOD
Black pellet	g/kg	0	0	SH/T 1541.1
Big/small pellet	g/kg	≤100	1.3	SH/T 1541.1
Colouring	g/kg	≤10	0	SH/T 1541.1
Melt mass flow rate(MFR)	g/10min	0.25-0.50	0.32	GB/T 3682.1
Tensile yield stress	Mpa	>18.0	25.8	GB/T 1040.2
Flexural modulus(Ef)	Mpa	>750	999	GB/T 9341
Charpy notched impact strenth -20°C)	KJ/m2	≥ 3.9	6.9	GB/T 1043.1



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