

Polypropylene

Product description

Product	Polypropylene Homopolymer
Properties	Homopolymer with standard formulation and narrow MFR range
Applications	Bopp films - metallizable (Stenter frame process), general extrusion

Physico-chemical properties

Characteristic	Test Method	Unit	Value
Melt flow rate (230° C, 2.16 kg)	ASTM D 1238/L	g/10min	2
Tensile modulus of Elasticity (1mm/min)	ASTM D 638	MPa	1450
Tensile strength at yield (50mm/min)	ASTM D638	MPa	34
Tensile elongation at yield (50mm/min)	ASTM D638	%	9
Notched charpy impact at 23° C	ISO 179/1eA	KJ/m ²	5
Notched charpy impact at -30° C	ISO 179/1eA	KJ/m ²	1.9
Vicat softening point (10N)	ASTM D1525	° C	154
Ball indentation hardness	ISO 2039-1	MPa	72
H.D.T (0.46 N/mm ²)	ASTM D648	° C	85
Melting point, DSC	ASTM D3417	° C	163
Density	ASTM D792	gr/cm ³	0.91

Packing

Packing	PP bags of 25 kg, 50 bags on a pallets with shrink PE film.
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