

Polypropylene Y-130

Chemical name: Polypropene

CAS number: 9003-07-0

HS Code: 39021000

Packaging details: bag

About product:

Y-130 is a propylene homo polymer designed for stretched products such as flat yarn It is a low flow rate resin with a broad molecular weight distribution It complies with FDA regulation

Physical Properties*			
Physical	Testing methods	Nominal values	
Density (by Gradient technique)	ASTM D 1505	gr/cm ³	0.85-0.95
Melt Flow Rate	ASTM D 1238	g/10min	3.0-5.0
Mechanical			
Tensile Strength at Yield, min.	ASTM D 638	kg f/cm ²	300
Elongation at Break, min	ASTM D 638	%	100
Flexural Modulus, min.	ASTM D 790	kg f/cm ²	13500
Impact			
Notched Izod Impact Strength (23 0C), min.	ASTM D 256	kg f cm/cm	3.0
Notched Izod Impact Strength (-10 0C), min	ASTM D 256	kg f cm/cm	-
Thermal			
Heat Distortion Temperature (4.6 kgf/cm ²), min.	ASTM D 648	0C	100
Vicat Softening Point	ASTM D 1525	0C	150

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