

HOPELEN Y-130

PP HOMO POLYMER

General Information

Description

Y-130 is a propylene homopolymer 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.

Applications

- ◆ Flat yarns for woven bags, tape and rope

Physical Properties¹

Physical	Test Method	Nominal Values		
Melt Flow Index	ASTM D1238	4.0	g/10min	
Density	ASTM D792	0.90	g/cm ³	
Mechanical				
Tensile Stress (Yield)	ASTM D638	350	kgf/cm ²	34 MPa
Tensile Strain (Break)	ASTM D638	>500	%	
Flexural Modulus	ASTM D790	16,000	kgf/cm ²	1,560 MPa
Rockwell Hardness	ASTM D785	103	R	
Impact				
Notched Izod Impact Strength (23 °C)	ASTM D256	4.0	kgf-cm/cm	39 J/m
Thermal				
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	116	°C	
VICAT Softening Point	ASTM D1525	151	°C	

NOTE

ISO 9001, 14001, ITS 16949

¹ Physical Properties : these are not to be construed as specifications

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