

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

Properties	Test Method	Nominal Value			
Melt Flow Index	ASTM D 1238	4.0	g/10min		
Density	ASTM D 792	0.90	g/cm ³		
Tensile Strain (Yield)	ASTM D 638	350	kgf/cm ²	34	MPa
Tensile Strain (Break)	ASTM D 638	>500	%		
Flexural Modulus	ASTM D 790	16,000	kgf/cm ²	1,560	MPa
Rockwell Hardness	ASTM D 785	103	R		
IZOD Impact Strength, at 23 °C	ASTM D 256	4.0	kgf·cm/cm	39	J/m
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D 648	116	°C		
VICAT Softening Point	ASTM D 1525	151	°C		

NOTE

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