



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