

# 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 Properties<sup>1</sup>

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

### NOTE

ISO 9001, 14001, /TS 16949

<sup>1</sup> Physical Properties : these are not to be construed as specifications