

HOPELEN SY-130

PP HOMO POLYMER

General Information

Description

SY-130 is a propylene homopolymer designed for stretched products such as flat yarn
It is a low flow rate resin with a middle molecular weight distribution.
It complies with FDA regulation.

Applications

- ◆ Flat yarns(T-die type) for woven bags, tape and rope

Physical Properties ¹				
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	330	kgf/cm ²	32 MPa
Tensile Strain (Break)	ASTM D638	>500	%	
Flexural Modulus	ASTM D790	15,000	kgf/cm ²	1,460 MPa
Rockwell Hardness	ASTM D785	101	R	
Impact				
Notched Izod Impact Strength (23℃)	ASTM D256	3.9	kgf-cm/cm	38 J/m
Thermal				
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	109	℃	
VICAT Softening Point	ASTM D1525	151	℃	

NOTE

ISO 9001, 14001, /TS 16949

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

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