

HOPELEN H4540

PP HOMO POLYMER

General Information

Description

H4540 is the polypropylene homopolymer manufactured by the Spheripol process. This grade is designed to potential end use applications include high slip

Applications

Clothes packaging, food packaging

Physical Properties¹

Physical Properties ¹					
Physical	Test Method	Nominal Values			
Melt Flow Index	ISO 1133	12	g/10min		
Density	ISO 1183	0.90	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ISO 527-1	330	kgf/cm ²	32	MPa
Tensile Strain (Break)	ISO 527-1	>500	%	>500	%
Flexural Modulus	ISO 178	15,500	kgf/cm ²	1,520	MPa
Other Properties					
Notched Izod Impact Strength (23℃)	ISO 180	4.3	kgf-cm/cm	41	J/m
Rockwell Hardness	ISO 180	100			
Thermal					
Melting Point		162	℃		
Heat Deflection Temperature	ISO 306	80	℃		

* Measured on 30μm CPP film made of H4540

NOTE

ISO 9001, 14001, /TS 16949

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

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