HONAM PETROCHEMICAL CORP.

LOTTE

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SEETEC H4540 PP HOMOPOLYMER

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

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Physical Properties[1]

Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	12	g/10min		
Density	ASTM D792	0.90	g/cm^3		
Mechanical					
Tensile Stress (Yield)	ASTM D638	350	kgf/cm^2	34	MPa
Tensile Strain (Break)	ASTM D638	>500	%	>500	%
Flexural Modulus	ASTM D790	16,000	kgf/cm^2	1,550	MPa
Other Properties					
Notched Izod Impact Strength (23℃)	ASTM D256	2.5	kgf·cm/cm	25	J/m
Rockwell Hardness	ASTM D785	100	R		
Thermal					
Melting Point	ASTM D3418	162	℃		
Heat Deflection Temperature	ASTM D648	104	℃		

NOTE

ISO 9001, 14001

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

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