

SEETEC J-160H

PP HOMO POLYMER

General Information

Description

J-160H is a homo polypropylene for injection molding applications using the spheripol process licensed by Basell. This grade is designed to be processed in conventional injection molding equipment and offers good flow, high stiffness, heat stability, scratch resistance and high surface gloss.

Applications

- ◆ Home appliances, Toy, Closure, Food container
- ◆ Small-sized E&E parts

Physical Properties¹

Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	17	g/10min		
Density	ASTM D792	0.9	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ASTM D638	350	kgf/cm ²	34	MPa
Tensile Strain (Break)	ASTM D638	>100	%	>100	%
Flexural Modulus	ASTM D790	15,000	kgf/cm ²	1,470	MPa
Rockwell Hardness	ASTM D785	105	R		
Impact					
Notched Izod Impact Strength (23℃)	ASTM D256	3.0	kgf-cm/cm	29	J/m
Thermal					
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	115	℃		
Additional Properties					
Flammability	UL94	HB			

NOTE

ISO 9001, 14001

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