

SEETEC H1500
PP HOMO POLYMER
General Information
Description

H1500 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 high stiffness, heat stability, scratch resistance and high surface gloss.

Applications

- ◆ Home appliances, Food container, Watercloset cover
- ◆ Small-sized E&E parts

Physical Properties¹

Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	9.8	g/10min		
Density	ASTM D792	0.9	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ASTM D638	352	kgf/cm ²	34	MPa
Tensile Strain (Break)	ASTM D638	>100	%	>100	%
Flexural Modulus	ASTM D790	15,900	kgf/cm ²	1,470	MPa
Rockwell Hardness	ASTM D785	105	R		
Impact					
Notched Izod Impact Strength (23℃)	ASTM D256	3.1	kgf-cm/cm	29	J/m
Thermal					
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	110	℃		
Additional Properties					
Flammability	UL94	HB			

NOTE

ISO 9001, 14001

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