

HOPELEN J-150

PP HOMOPOLYMER

General Information

Description

J-150 is homo polymer resin produced through the polymerization of propylene. This grade is designed to be processed in conventional Injection molding equipment. J-150 shows good thermal stability and has high strength and stiffness. It is typically used in production of housewares and the general supplies.

Applications

- ◆Housewares and general supplies

Physical Properties¹

Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	10	g/10min		
Density	ASTM D792	0.90	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ASTM D638	360	kgf/cm ²	35	MPa
Tensile Strain (Break)	ASTM D638	>100	%	>100	%
Flexural Modulus	ASTM D790	17,500	kgf/cm ²	1,720	MPa
Impact					
Notched Izod Impact Strength (23℃)	ASTM D256	3.0	kgf-cm/cm	29	J/m
Notched Izod Impact Strength (-10℃)	ASTM D256	-	kgf-cm/cm	-	J/m
Thermal					
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	119	℃		
Additional Properties					
Flammability	UL94	HB			

NOTE

ISO 9001, 14001, /ITS 16949

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