

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