

## 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 Properties<sup>1</sup>

Properties	Test Method	Nominal Value			
Melt Flow Index	ASTM D 1238	10	g/10min		
Density	ASTM D 792	0.90	g/cm <sup>3</sup>		
Tensile Strain (Yield)	ASTM D 638	370	kgf/cm <sup>2</sup>	36	MPa
Tensile Strain (Break)	ASTM D 638	>100	%	>100	%
Flexural Modulus	ASTM D 790	17,000	kgf/cm <sup>2</sup>	1,670	MPa
IZOD Impact Strength, at 23 °C	ASTM D 256	3.0	kgf·cm/cm	29	J/m
IZOD Impact Strength, at -10 °C	ASTM D 256	2.5	kgf·cm/cm	25	J/m
Heat Deflection Temperature (4.6kgf/cm <sup>2</sup> )	ASTM D 648	120	°C		
Flammability	UL94	HB			

#### NOTE

<sup>1</sup> Physical Properties : these are not to be construed as specifications