

# H1500

## Description

Polypropylene homopolymer suitable for injection molding  
High flowability combined with a good mechanical property balance

## Application

Housewares, Toys

Properties	Method	Condition	Unit	H1500
Physical				
MFI	ASTM D1238	230°C, 2.16kg load	g/10min	12
Density	ASTM D1505	Density-Gradient	g/cm <sup>3</sup>	0.9
Mechanical				
Tensile Strength at yield point(kgf/cm <sup>2</sup> )	ASTM D638	50mm/min	kgf/cm <sup>2</sup>	350
Elongation at Break Point	ASTM D638	50mm/min	%	>500
Flexural Modulus(kgf/cm <sup>2</sup> )	ASTM D790	Press sheet, 1% Secant	kgf/cm <sup>2</sup>	15000
Izod Impact Strength(kgf-cm/cm)	ASTM D256	23°C, Notched	kgf-cm/cm	3
Rockwell Hardness(R-Scale)	ASTM D785	R-Scale		100
Thermal				
Vicat Softening Temperature	ASTM D1525	A50	°C	153
Heat Deflection Temperature	ASTM D648	4.6kgf/cm <sup>2</sup>	°C	110

## Note

The properties data in this table are typical values, and not guaranteed specification.  
Typical resin property values are measured on a standard injection molded specimens.