

# MH1700

## Description

Metallocene-catalyzed polypropylene homopolymer  
Excellent flowability combined with a good mechanical property balance

## Application

Housewares, Toys

Properties	Method	Condition	Unit	MH1700
<b>Physical</b>				
MFI	ASTM D1238	230°C, 2.16kg load	g/10min	40
Density	ASTM D1505	Density-Gradient	g/cm <sup>3</sup>	0.9
<b>Mechanical</b>				
Tensile Strength at yield point(kgf/cm <sup>2</sup> )	ASTM D638	50mm/min	kgf/cm <sup>2</sup>	360
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>	16000
Izod Impact Strength(kgf·cm/cm)	ASTM D256	23°C, Notched	kgf·cm/cm	3
<b>Thermal</b>				
Heat Deflection Temperature	ASTM D648	4.6kgf/cm <sup>2</sup>	°C	100

## 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.

Issued Date : 2022-02-16

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