

# MH1850

## Description

Metallocene-catalyzed polypropylene homopolymer  
 For thin wall injection molding  
 Contains a nucleating agent for fast cycle time and excellent stiffness.  
 Less warpage and outstanding organoleptic property (very low VOCs).

## Application

Compounding base resin for automotive part with low TVOC.  
 Disposable food container(thin wall injection molding)

Properties	Method	Condition	Unit	MH1850
<b>Physical</b>				
MFI	ASTM D1238	230°C, 2.16kg load	g/10min	60
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>	380
Elongation at Break Point	ASTM D638	50mm/min	%	<100
Flexural Modulus(kgf/cm <sup>2</sup> )	ASTM D790	Press sheet, 1% Secant	kgf/cm <sup>2</sup>	20000
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	130

## 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.

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