

# LUCENE MH1850

Metallocene PP Homopolymer

## Applications

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

## Description

- LUCENE **MH1850** is a metallocene-catalyzed polypropylene homopolymer manufactured by LG Chem's unique catalyst technology for thin wall injection molding. The material contains a nucleating agent for fast cycle time and excellent stiffness. LUCENE **MH1850** has less warpage and outstanding organoleptic property (very low VOCs).

## Typical properties

Characteristics	Test Method	Unit	Value
<b>Physical<sup>(1)</sup></b>			
Density	ASTM D1505	g/cm <sup>3</sup>	<b>0.9</b>
MFR(230°C, 2.16 Kg)	ASTM D1238	g/10min	<b>60</b>
<b>Mechanical<sup>(2)</sup></b>			
Tensile Strength at yield	ASTM D638	Mpa	<b>38</b>
Elongation at Break	ASTM D638	%	<b>&lt; 100</b>
Flexural Modulus	ASTM D790	Mpa	<b>2,000</b>
Izod impact strength (23°C, notched)	ASTM D256	kg·cm/cm	<b>3.0</b>
<b>Thermal</b>			
Melting temperature (DSC)	-	°C	<b>153</b>
Heat deflection temperature (0.45 MPa)	ASTM D648	°C	<b>130</b>

(1) The properties data in this table are typical values, and not guaranteed specification.

(2) Typical resin property values are measured on a standard compression molded specimens

For additional sales, order and technical assistance

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