

LUCENE MH1700

Metallocene PP Homopolymer

Applications

- Housewares, Toys

Description

- LUCENE MH1700 is a metallocene-catalyzed polypropylene homopolymer manufactured by LG Chem's unique catalyst technology for injection molding applications. LUCENE MH1700 exhibits a high flow property combined with a good mechanical property balance.

Typical properties

Characteristics	Test Method	Unit	Value
Physical⁽¹⁾			
Density	ASTM D1505	g/cm ³	0.9
MFR (230 °C, 2.16 Kg)	ASTM D1238	g/10min	40
Mechanical⁽²⁾			
Tensile Strength at yield	ASTM D638	Mpa	36
Elongation at Break	ASTM D638	%	< 500
Flexural Modulus	ASTM D790	Mpa	1,600
Izod impact strength (23 °C, notched)	ASTM D256	kg·cm/cm	3.0
Thermal			
Melting temperature (DSC)	-	°C	150

(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

(3) Speed of 50 mm/min.

(4) Speed of 28 mm/min.

The actual processing conditions of our products may vary and are beyond our control, establishing satisfactory performance of the resin for the intended application is the customer's responsibility.

For additional sales, order and technical assistance

Revised : 06/16/2016

Head office PO Division, LG Chem Ltd.

Yeouido P.O.Box 672, 21st floor LG Twin Tower,
Yeouido-daero 128, Yeongdeungpo-gu Seoul, Korea.
Tel. 82-2-3773-3538

TS&D

Tech Center

188, Munji-ro, Yuseong-gu, Daejeon, 305-738, Korea.
Tel. 82-42-722-5068

The information contained herein, including, but not limited to, data, statements and typical values, are given in good faith. LG Chem makes no warranty or guarantee, expressed or implied, (i) that the result described herein will be obtained under end - use conditions, or (ii) as to the effectiveness or safety of any design incorporating LG Chem materials, products, recommendations or advice. Further, any information contained herein shall not be construed as a part of legally binding offer. Especially, the typical values should be regarded as reference values only and not as binding minimum values. Each user bear full responsibility for making its own determination as to the suitability of LG Chem's materials, products, recommendations, or advice for its own particular use. Each user must identify and perform all tests and analyses necessary to assure that its finished parts incorporating LG Chem material or products will be safe and suitable for use under end - use conditions. The data contained herein can be changed without notice as a result of the quality improvement of the products."