

## **SÉETEC MH7700**

Metallocene PP Homo polymer

## **Applications**

• Non-woven Spun bond for hygienic, medical and Industrial, Multi-fialment etc.

## **Description**

 MH7700 is a Metallocene-catalyzed polypropylene homo polymer with designed for extrusion of fine fibers and high tenacity with spun bond and multi-filaments.
MH7700 is manufactured by LG Chem's unique catalyst technology.
This grade is characteristics by very narrow molecular weight distribution (MWD) by organic peroxide free. MH7700 has an excellent spin-ability & draw-ability and outstanding odorless properties (very low VOCs).
It is formulated with an anti-gas fading stabilization.

## **Typical properties**

Characteristics	Test Method	Unit	Value
Physical <sup>(1)</sup>			
Density	ASTM D1505	g/cm³	0.9
MFR (230℃, 2.16 Kg)	ASTM D1238	g/10min	25
Mechanical <sup>(2)</sup>			
Tensile Strength at yield	ASTM D638	Мра	33
Elongation at Break	ASTM D638	%	>500
Flexural Modulus	ASTM D790	Мра	1,680
Izod impact strength (23 °C, notched)	ASTM D256	kJ/m²	2
Thermal			
Melting temperature (DSC)	-	$^{\circ}$	152

- (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

Head office PO Division, LG Chem Ltd.

Yeoui-do P.O.Box 672, 21st floor LG Twin Tower, Yeoui-daero 128, Yeongdeungpo-gu Seoul, Korea. Tel. 82-2-3773-7804 TS&D Tech Center

175, Gajeong-ro, Yuseong-gu, Daejeon, 305-343, Korea. Tel. 82-42-860-8584

Revised : May 29.2015

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."