

LUCENE MH7700

Metallocene PP Homo polymer

Applications

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

Description

- LUCENE MH7700 is a Metallocene-catalyzed polypropylene homo polymer with designed for extrusion of fine fibers and high tenacity with spun bond and multi-filaments. LUCENE 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⁽¹⁾			
Density	ASTM D1505	g/cm ³	0.9
MFR (230 °C, 2.16 Kg)	ASTM D1238	g/10min	25
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

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