

LUCENE MR7710

Metallocene PP random copolymer

Applications

- Housewares, Toys etc (for Injection molding)

Description

- LUCENE MR7710 is a metallocene-catalyzed polypropylene random copolymer manufactured by LG Chem's unique catalyst technology for injection molding. LUCENE MR7710 shows outstanding organoleptic property (very low VOCs) and migration content in solvents.

Typical properties

Characteristics ⁽¹⁾	Test Method	Unit	Value
Physical			
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 ⁽³⁾	ASTM D638	MPa	32
Elongation at Break ⁽³⁾	ASTM D638	%	> 100
Flexural Modulus ⁽⁴⁾	ASTM D790	MPa	1,400
Izod impact strength (23°C, notched)	ASTM D256	J/m	29
Thermal			
Heat Deflection Temperature (4.6kgf/cm ²)	-	°C	100

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

(2) Typical resin property values are measured on a standard injection 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 : 05/30/2018

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. 82-2-3773-3538

TS&D Tech Center
188, Munji-ro, Yuseong-gu, Daejeon, 305-738, Korea.
Tel. 82-42-722-5068

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