

# HOPELEN L-670M

Polypropylene Homopolymer

Lotte Chemical Corporation

PROSPECTOR®

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## Technical Data

### Product Description

L-670M is a polypropylene random copolymer manufactured by under the Spheripol process. This grade is designed to potential end use applications include Extrusion coating on BOPP film.

Good stiffness, Good processability, Good pigment dispersion, Good bond strength

### General

Material Status	• Commercial: Active
Literature <sup>1</sup>	• <a href="#">Technical Datasheet (English)</a>
Search for UL Yellow Card	• <a href="#">Lotte Chemical Corporation</a>
Availability	• Asia Pacific • Europe • North America
Features	• Bondability • Good Processability • Homopolymer • Good Colorability • Good Stiffness
Uses	• Food Packaging
RoHS Compliance	• RoHS Compliant

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.902	0.900 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	28 g/10 min	28 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	3270 psi	22.6 MPa	ASTM D638
Tensile Elongation (Break)	> 500 %	> 500 %	ASTM D638
Flexural Modulus	114000 psi	785 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (73°F (23°C))	1.1 ft·lb/in	57 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-Scale)	101	101	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 66 psi (0.45 MPa), Unannealed	149 °F	65.0 °C	ASTM D648
Vicat Softening Temperature	259 °F	126 °C	ISO 306
Melting Temperature	293 °F	145 °C	Internal Method

### Notes

<sup>1</sup> These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

<sup>2</sup> Typical properties: these are not to be construed as specifications.

