

# HOPELEN L-270A

Polypropylene Homopolymer

Lotte Chemical Corporation

**PROSPECTOR**<sup>®</sup>

www.ulprospector.com

## Technical Data

### Product Description

L-270A is the polypropylene Copolymer manufactured by under the Spheripol process. This grade is designed to potential end use applications include Extrusion coating on Woven and Kraft paper.

Low neck-in, High speed processability, Good adhesive property to paper and Kraft paper, Oil & moisture permeation resistance

### 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	• Good Adhesion • Low Neck-In • Oil Resistant • Homopolymer • Moisture Resistant
Uses	• Coating Applications • Packaging • Fabric Coatings • Paper Coatings
RoHS Compliance	• RoHS Compliant
Processing Method	• Extrusion Coating

Physical	Nominal Value Unit	Test Method
Specific Gravity	0.900 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	26 g/10 min	ASTM D1238
Mechanical	Nominal Value Unit	Test Method
Tensile Strength (Yield)	28.4 MPa	ASTM D638
Tensile Elongation (Break)	> 500 %	ASTM D638
Flexural Modulus	981 MPa	ASTM D790
Impact	Nominal Value Unit	Test Method
Notched Izod Impact (23°C)	44 J/m	ASTM D256
Hardness	Nominal Value Unit	Test Method
Rockwell Hardness (R-Scale)	101	ASTM D785
Thermal	Nominal Value Unit	Test Method
Deflection Temperature Under Load 0.45 MPa, Unannealed	72.0 °C	ASTM D648
Vicat Softening Temperature	147 °C	ASTM D1525
Melting Temperature	162 °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.

