

# HOPELEN L-270A

Polypropylene Homopolymer  
Lotte Chemical Corporation

Message:

L-270A is the polypropylene Copolymer manufactured by under the Spheripol process. This grade is designed to potential end use applications include Extrusion coatingon Woven and Kraft paper.  
Low neck-in, High speed processability, Good adhesive property to paper and Kraft paper, Oil & moisture permeation resistance

General Information			
Features	Good Adhesion		
	Homopolymer		
	Low Neck-In		
	Moisture Resistant		
	Oil Resistant		
Uses	Coating Applications		
	Fabric Coatings		
	Packaging		
	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
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	101		ASTM D785
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
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

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