

Halene L 72307E

Linear Low Density Polyethylene
Haldia Petrochemicals Ltd.

Message:

72307E is a LLDPE produced by Spherilene Technology. The precise morphological control achieved during polymerization confers superior processability and improved performance properties not available in conventional butene-1 based LLDPE.
72307E can be used in Extrusion Coating on HDPE Woven Fabric, Aluminum Foil, Jute, Paper and Allied Substrates.

General Information			
Features	Good Processability		
Uses	Coating Applications		
Forms	Pellets		
Processing Method	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Density ¹	0.926	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, Injection Molded)	10.0	MPa	ASTM D638
Tensile Elongation (Break, Injection Molded)	500	%	ASTM D638
Flexural Modulus (Injection Molded)	450	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	450	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	85.0	°C	ASTM D1525
NOTE			
1.	23°C		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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