

TECHNICAL DATA SHEET

72307E

72307E is a LLDPE produced by the Spherilene Technology.

72307E can be used in Extrusion Coating on HDPE Woven Fabric, Aluminum Foil, Jute, Paper and Allied Substrates

The precise morphological control achieved during polymerization confers superior processability and improved performance properties not available in conventional LLDPE.

Properties	Test Method	Unit	Value
Melt Flow Index (2.16 kg, 190°C)	ASTM D 1238	g/10 min	7.0
Density (23°C)	ASTM D 1505	g/cm ³	0.926
PHYSICAL PROPERTY			
Tensile Strength at Break	ASTM D 638 (50 mm/min)	MPa	10
Elongation at Break		%	500
Flexural Modulus	ASTM D 790A	MPa	450
Notched Izod Impact Strength (23°C)	ASTM D 256A	J/m	450
Vicat Softening Point	ASTM D 1525	°C	85

Suggested Processing Conditions

Barrel Temperature	°C	200 – 270
Die Temperature		250 – 280

* Halene L is the registered trademark of Linear Low Density Polyethylene of HPL.

Mechanical properties are on injection molded specimens

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