

TECHNICAL DATA SHEET

72307E

72307E is a LLDPE produced by the latest generation Spherilene Gas Phase 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

Properties	Test Method	Unit	Value
Melt Flow Index (2.16 kg, 190°C)	ASTM D 1238	g/10 min	7.0
Density at 23°C	ASTM D 1505	g/cm ³	0.923

PHYSICAL PROPERTY**

Tensile Strength at Break	ASTM D 638	MPa	10
Elongation at Break	ASTM D 638	%	500
Flexural Modulus	ASTM D 790	MPa	300
Izod Impact Strength at 23°C (Notched)	ASTM D 256/A	J/m	450
Vicat Softening Point	ASTM D 1525	°C	85

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

** Properties are on Injection Molded Specimens

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