

TECHNICAL DATA SHEET

72307E

72307E is a LLDPE produced by the Spherilene Technology

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

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

Property	Test Method	Unit	Value
Melt Flow Index (2.16 kg, 190°C)	ASTM D1238	g/10 min	7.0
Density (23°C)	ASTM D1505	g/cm ³	0.926
Physical Property			
Tensile Strength at Break	ASTM D638	MPa	10
Elongation at Break	(50 mm/min)	%	500
Notched Izod Impact Strength (23°C)	ASTM D256A	J/m	450
Flexural Modulus	ASTM D790A	MPa	450
Vicat Softening Point (10 N)	ASTM D1525	°C	85
Suggested Processing Conditions			
Barrel Temperature		°C	200 - 270
Die Temperature		°C	250 - 280

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

Mechanical Properties are on Injection Molded test specimens prepared as per ASTM D4101

The information & data presented herein are typical values and should not be construed as specification. No warranty or guarantee expressed or implied is made regarding performance. The information & data are subject to change without prior intimation based on research & development work undertaken by the company.

Compliance Certificates & MSDS are available on request.
Visit us at www.haldiapetrochemicals.com