

**Product Texts**

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.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>7</b>	g/10min	ASTM D 1238
Temperature	<b>190</b>	°C	-
Load	<b>2.16</b>	kg	-

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Break	<b>18</b>	MPa	ASTM D 638
Elongation at Break	<b>300</b>	%	ASTM D 638
Flexural Modulus	<b>300</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>500</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melting Temperature	<b>126</b>	°C	ASTM D 3418
Vicat Temperature	<b>102</b>	°C	ASTM D 1525

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>926</b>	kg/m <sup>3</sup>	ASTM D 792

<b>Processing Recommendation Extrusion</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Zone 1	<b>200 - 270</b>	°C	-
Nozzle temperature	<b>250 - 280</b>	°C	-

**Characteristics**

**Processing**  
Coating

**Regional Availability**  
Asia Pacific