

**Technical Data Sheet****IPETHENE® 320****Low Density Polyethylene****Description**

**IPETHENE® 320** is a general purpose low density polyethylene film extrusion grade, containing no additives. It exhibits good mechanical and optical properties.

**Applications**

**IPETHENE® 320** is used for the production of 25 to 80µm blown and cast films for Form-Fill-Seal packaging, laminations, and disposable diapers. This grade can also be used for pipes and profiles extrusion, injection and blow molding.

**Quality, Environment and Safety Regulations**

Material Safety Data Sheets and Product Safety declarations are available on our web site <http://www.caol.co.il>

<b>Properties</b>		<b>Method</b>	<b>Typical Value*</b>	<b>Unit</b>
Melt Flow Rate	(190°C/2.16Kg)	ISO 1133	2	g/10min
Density		ISO 1183-A	0.920	g/cm <sup>3</sup>
<b>Film Properties**</b>				
Dart Drop Impact	(F <sub>50</sub> )	ISO 7765-A	125	g
Tensile Stress at Break	(MD/TD)	ISO 1184	22/15	MPa
Tensile Strain at Break	(MD/TD)	ISO 1184	230/500	%
Elmendorf Tear Strength	(MD/TD)	ISO 6383-2	600/250	g
Haze		ASTM D 1003	6	%
Gloss	(45°)	ASTM D 2457	70	

*\*Typical values; not to be construed as specifications.*

*\*\*Measured on 50µm blown film, BUR 2:1, output 80 Kg/h, melt temperature ~160°C.*