

Technical Data Sheet**IPETHENE® 322****Low Density Polyethylene****Description**

IPETHENE® 322 is a general purpose low density polyethylene film extrusion grade. It contains a medium level of anti-blocking and slip additives. It is BHT free. It exhibits a good balance between mechanical and optical properties.

Applications

IPETHENE® 322 is used for the production of 25 to 80µm films for general purposes and Form-Fill-Seal packaging.

Quality, Environment and Safety Regulations

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

Properties		Method	Typical Value*	Unit
Melt Flow Rate	(190°C/2.16Kg)	ISO 1133	2	g/10min
Density		ISO 1183-A	0.920	g/cm ³
Film Properties**				
Dart Drop Impact	(F ₅₀)	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	7	%
Gloss	(45°)	ASTM D 2457	65	

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

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