

Technical Data Sheet

IPETHENE® 113

Low Density Polyethylene

Description

IPETHENE® 113 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® 113 is mainly used to produce general purpose shopping bags, Form-Fill-Seal packaging, shrink films, and laminations.

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	0.7	g/10min
Density		ISO 1183-A	0.920	g/cm ³
Film Properties**				
Dart Drop Impact	(F ₅₀)	ISO 7765-A	180	g
Tensile Stress at Break	(MD/TD)	ISO 1184	26/17	MPa
Tensile Strain at Break	(MD/TD)	ISO 1184	250/500	%
Elmendorf Tear Strength	(MD/TD)	ISO 6383-2	400/250	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 ~180°C.

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