

Technical Data Sheet
IPETHENE® 214
Low Density Polyethylene
Description

IPETHENE® 214 is a general purpose low density polyethylene film extrusion grade. It contains a high level of anti-blocking and slip additives. It is BHT free.

Applications

IPETHENE® 214 is used for the production of 35 to 100µm films for general purpose shopping bags, Form-Fill-Seal packaging, and shrink applications.

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	1	g/10min
Density		ISO 1183-A	0.920	g/cm ³
Film Properties**				
Dart Drop Impact	(F ₅₀)	ISO 7765-A	150	g
Tensile Stress at Break	(MD/TD)	ISO 1184	24/19	MPa
Tensile Strain at Break	(MD/TD)	ISO 1184	400/650	%
Elmendorf Tear Strength	(MD/TD)	ISO 6383-2	500/350	g
Haze		ASTM D 1003	8	%
Gloss	(45°)	ASTM D 2457	60	

*Typical values; not to be construed as specifications.

**Measured on 50µm blown film, BUR 2:1, output 80 Kg/h, melt temperature ~170°C.