

## Technical Data Sheet

# IPETHENE<sup>®</sup> 213

## Low Density Polyethylene

### Description

**IPETHENE<sup>®</sup> 213** 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<sup>®</sup> 213** 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 <sup>3</sup>
<b>Film Properties**</b>				
Dart Drop Impact	(F <sub>50</sub> )	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.