

Technical Data Sheet**IPETHENE[®] 4203****Low Density Polyethylene****Description**

IPETHENE[®] 4203 is a low density polyethylene extrusion grade. It exhibits good impact and puncture resistance, very good bubble stability in thick-gauge blown film processing, and excellent ESCR.

Applications

IPETHENE[®] 4203 is used for the production of irrigation pipe systems, 80 to 250µm films for heavy duty and shrink packaging, greenhouses, net coverings, and industrial 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	0.2	g/10min
Density		ISO 1183-A	0.920	g/cm ³
Film Properties**				
Dart Drop Impact	(F ₅₀)	ISO 7765-A	650	g
Tensile Stress at Break	(MD/TD)	ISO 1184	23/20	MPa
Tensile Strain at Break	(MD/TD)	ISO 1184	330/480	%
Elmendorf Tear Strength	(MD/TD)	ISO 6383-2	250/500	g

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

***Measured on 100µm blown film, BUR 2:1, output 80 Kg/h, melt temperature ~220°C.*