

Technical Data Sheet**IPETHENE® 800****Low Density Polyethylene****Description**

IPETHENE® 800 is a low density polyethylene injection molding grade. This grade is a good carrier for masterbatches production. It exhibits high flow and flexibility.

Applications

IPETHENE® 800 is used to produce lids, containers, toys, compounds, and masterbatches.

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
Physical				
Melt Flow Rate	(190°C/2.16Kg)	ISO 1133	20	g/10min
Density		ISO 1183-A	0.915	g/cm ³
Mechanical				
Tensile Stress at Yield		ISO 527-2	9.5	MPa
Tensile Stress at Break		ISO 527-2	12	MPa
Tensile Strain at Break		ISO 527-2	350	%
Thermal				
Vicat Softening Temperature	(10N)	ISO 306	82	°C

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