



Technical Data Sheet

IPETHENE® 810

Low Density Polyethylene

Description

IPETHENE® 810 is a low density polyethylene injection molding grade. It exhibits high melt flow rate, high gloss, and high stiffness.

Applications

IPETHENE® 810 is used to produce lids, containers, toys, and domestic hollowware.

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

Physical

Properties		Method	Typical Value*	Unit
Melt Flow Rate	(190°C/2.16Kg)	ISO 1133	20	g/10min
Density		ISO 1183-A	0.918	g/cm ³
Mechanical				
Tensile Stress at Yield		ISO 527-2	10.5	MPa
Tensile Stress at Break		ISO 527-2	10.5	MPa
Tensile Strain at Break		ISO 527-2	130	%
Thermal				
Vicat Softening Temperature	(10N)	ISO 306	86	°C

Mechanical

Thermal

*Typical values; not to be construed as specifications.

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