



## Product Datasheet

### Low Density Polyethylene

Process: Extrusion, extrusion coating, injection molding

LD 0818 is a polyethylene of low density produced under high pressure in a reactor of autoclave. No process of coating presents optical properties very good, low formation of neck, good stability of film and good adhesion in porous substrates. It contains no additives.

Application:

Masterbatches, Flexible Injection Molded articles, Caps, Extrusion coating, Bunges

Control & Typical Properties			
Feature	Method	Units	Values
Melt Flow Rates (190 °C/2.16 kg)	D 1238	g/10 min	8.3
Density	D 792	s/cm <sup>3</sup>	0.918
Flexural Modulus - 1% Secant	D 790	Mpa	200
Shore D Hardness	D 2240	-	49
Tensile Elongation at Break	D 638	Mpa	12
Izod Impact Strength	D 256	J/m	NB*
Deflection Temperature under Load at 0.455 Mpa	D 648	°C	86

Typical values which can vary within specification limits and are not to be construed as specifications.

<sup>2</sup> 2.16 kg/190 °C.