

Technical Data Sheet

***Icorene* POLYETHYLENE CP 802LL-01 NATURAL**



Linear Low Density Polyethylene

**Product Description**

CP 802LL-01 Natural Linear Low Density Polyethylene is an extrusion or blow molding grade of low-density polyethylene having good processability and heat sealability.

<b>Processing Method</b>	Blow Molding; Extrusion
<b>Attribute</b>	Good Heat Seal; Good Processability
<b>Forms</b>	Pellets
<b>Appearance</b>	Natural Color

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Melt Flow Rate, (190 °C/2.16 kg)	0.70	g/10 min	ASTM D1238
Density - Specific Gravity	0.923	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Strength at Yield, (51 mm/min)	13.0	MPa	ASTM D638
Flexural Modulus, (1% Secant)	220	MPa	ASTM D790
Tensile Elongation at Break, (51 mm/min)	160	%	ASTM D638
<b>Thermal</b>			
Vicat Softening Temperature	>88.0	°C	ASTM D1525