

Technical Data Sheet

lcorene 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.

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

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (190 °C/2.16 kg)	0.70	g/10 min	ASTM D1238
Density - Specific Gravity	0.923	g/cm ³	ASTM D792
Mechanical			
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
Thermal			
Vicat Softening Temperature	>88.0	°C	ASTM D1525