

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.

Regulatory Status

For regulatory compliance information, see POLYETHYLENE CP 802LL-01 NATURAL [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Discontinued
Availability	Asia-Pacific; North America
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

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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