

Technical Data Sheet

Icorene POLYETHYLENE CP 763-01 NATURAL



Low Density Polyethylene

Product Description

CP 763 is a low-density polyethylene. It offers good optical properties along with excellent processability.

Regulatory Status

For regulatory compliance information, see POLYETHYLENE CP 763-01 NATURAL [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Discontinued
Availability	North America
Processing Method	Cast Film; Injection Molding
Forms	Pellets

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (190 °C/2.16 kg)	2.0	g/10 min	ISO 1133
Density	0.92	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield	12.4	MPa	ISO 527-2
Tensile Strain at Break	80	%	ISO 527-2
Flexural Modulus, (Chord)	183	MPa	ISO 178
Flexural Stress	8.5	MPa	ISO 178
Impact			
Charpy Impact Strength - Notched	59	kJ/m ²	ISO 179
Notched Izod Impact	440	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (0.45 MPa)	43	°C	ISO 75-2/B

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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