

Technical Data Sheet

lcorene 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.

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