

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.

**Processing Method**            Cast Film; Injection Molding

**Forms**                            Pellets

<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)	2.0	g/10 min	ISO 1133
Density	0.92	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical</b>			
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
<b>Impact</b>			
Charpy Impact Strength - Notched	59	kJ/m <sup>2</sup>	ISO 179
Notched Izod Impact	440	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (0.45 MPa)	43	°C	ISO 75-2/B