

**DuClear® CE 85 B**

PP

Ducor Petrochemicals BV

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	1.8	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	950	MPa	ISO 527
Yield stress	26	MPa	ISO 527
Yield strain	12	%	ISO 527
Strain at break	>50	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	28	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	145	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	75	°C	ISO 75-1/-2
Vicat softening temperature, A	130	°C	ISO 306
<b>Optical properties</b>			
<b>ASTM Data</b>			
Haze	10	%	ASTM D 1003
<b>Other properties</b>			
Density	910	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Sheet Extrusion, Other Extrusion, Blow Molding, Thermoforming

**Delivery form**

Pellets

**Special Characteristics**

Anti-static, Transparent

**Features**

Low Odor, Copolymer, Random Copolymer

**Certifications**

Food contact, Food approval 1935/2004/EC, Food approval FDA 21 CFR

**Regional Availability**

Europe, Asia Pacific, Near East/Africa