

Rescarb PC

Polycarbonate

Polimarky Spolka Jawna

Message:

Rescarb PC is a Polycarbonate (PC) product. It is available in Europe.

General Information			
Physical	Nominal Value	Unit	Test Method
Density	1.18 to 1.21	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	15 to 22	g/10 min	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2100 to 2400	MPa	ISO 527-2
Tensile Stress	60.0 to 65.0	MPa	ISO 527-2
Tensile Strain (Break)	60 to 70	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	15 to 21	kJ/m ²	ISO 179/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	123	°C	ISO 75-2/A
Vicat Softening Temperature	145	°C	ISO 306/A120
Injection	Nominal Value	Unit	
Drying Temperature	100 to 120	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	280 to 320	°C	
Mold Temperature	90.0 to 120	°C	

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