

CELEX™ 350

Polycarbonate Resin

Trinseo

Message:

CELEX 350 is a 50% glass fiber reinforced polycarbonate resin. It is designed with high rigidity and good dimensional stability for use in structural parts of printer, scanner and copier.

General Information			
Filler / Reinforcement	Glass Fiber,50% Filler by Weight		
Features	Good Dimensional Stability		
	High Rigidity		
Uses	Structural Parts		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.58	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.20	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	121	MPa	ASTM D638
Flexural Modulus	10100	MPa	ASTM D790
Flexural Strength (Yield)	170	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	140	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	140	°C	
Mold Temperature	80.0 to 100	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	250 to 290	°C	

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Recommended distributors for this material

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