

Canuck Compounds 700 Series - BK 7-9-5

Polycarbonate

Canuck Compounders Inc.

Message:

Canuck Compounds 700 Series - BK 7-9-5 is a Polycarbonate (PC) material. It is available in North America for injection molding.

General Information			
Appearance	Black		
	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	15	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.50 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, 23°C)	55.8	MPa	ASTM D638
Tensile Elongation ² (Yield, 23°C)	5.0	%	ASTM D638
Flexural Modulus (23°C)	2030	MPa	ASTM D790A
Flexural Strength (23°C)	84.8	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	850	J/m	ASTM D256
Gardner Impact ³ (23°C)	56.5	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, 6.35 mm	125	°C	
1.8 MPa, Unannealed, 6.35 mm	113	°C	
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	Geometry GD		

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Recommended distributors for this material

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