

Canuck Compounds 500 Series - BK 5-6-3

Polycarbonate + ABS

Canuck Compounders Inc.

Message:

Canuck Compounds 500 Series - BK 5-6-3 is a Polycarbonate + ABS (PC+ABS) material. It is available in North America for injection molding.

General Information			
Appearance	Black		
	Colors Available		
	White		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	8.0	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)	53.1	MPa	ASTM D638
Tensile Elongation ² (Yield, 23°C)	5.0	%	ASTM D638
Flexural Modulus (23°C)	2070	MPa	ASTM D790A
Flexural Strength (23°C)	82.7	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	640	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	120	°C	
1.8 MPa, Unannealed, 6.35 mm	105	°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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