

Canuck Compounds 600 Series - BK 6-8-5

Polycarbonate + PBT

Canuck Compounders Inc.

Message:

Canuck Compounds 600 Series - BK 6-8-5 is a Polycarbonate + PBT (PC+PBT) 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) (230°C/3.8 kg)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.80 to 1.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, 23°C)	52.4	MPa	ASTM D638
Tensile Elongation ² (Yield, 23°C)	5.0	%	ASTM D638
Flexural Modulus (23°C)	1860	MPa	ASTM D790A
Flexural Strength (23°C)	75.8	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	90.0	°C	
1.8 MPa, Unannealed, 6.35 mm	43.3	°C	
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	Geometry GD		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

