

Edgetek™ MP-20GF/000 BLK

Polyphenylene Ether + PS

PolyOne Corporation

Message:

20% glass fiber reinforced MPPO compound

General Information			
UL YellowCard	E76261-102224783		
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.10 - 0.30	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	100	MPa	ASTM D638
Flexural Modulus ²	6200	MPa	ASTM D790
Flexural Strength ³	160	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	150	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.5 mm	HB		UL 94
3.0 mm	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	100 - 120	°C	
Drying Time	4.0 - 6.0	hr	
Rear Temperature	270 - 300	°C	
Middle Temperature	270 - 300	°C	
Front Temperature	270 - 300	°C	
Mold Temperature	65 - 95	°C	
Injection instructions			
Injection Pressure: MED-HIGHHold Pressure: MED-HIGHScrew Speed: MODERATEBack Pressure: LOW			
NOTE			
1.	5.0 mm/min		
2.	1.3 mm/min		

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Recommended distributors for this material

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