

Edgetek™ ATC-10GF/000 Black UV

Acetal (POM) Copolymer

PolyOne Corporation

Message:

Edgetek™ ATC-10GF/000 Black UV is a polyoxymethylene (POM) copolymer product, which contains a 10% glass fiber reinforced material. It can be processed by injection molding and is available in Europe.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 10% filler by weight		
Appearance	Black		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.45	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	5.00	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3880	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Fracture	9.00	MPa	ISO 527-2
--	55.0	MPa	ISO 527-2
Flexural Modulus	3250	MPa	ISO 178
Flexural Strength	80.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C)	68	kJ/m ²	ISO 179
Injection	Nominal Value	Unit	
Drying Temperature	80.0 - 90.0	°C	
Drying Time	2.0 - 3.0	hr	
Rear Temperature	190 - 200	°C	
Middle Temperature	190 - 200	°C	
Front Temperature	190 - 200	°C	
Mold Temperature	75.0 - 85.0	°C	
Injection instructions			

Injection Pressure: MED-HIGHHold Pressure: MED-HIGHScrew Speed: MODERATEBack Pressure: LOW

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Recommended distributors for this material

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