



Edgetek™ AT-20GF/000 Natural HF

Acetal (POM) Copolymer

Key Characteristics

General	
Material Status	• Commercial: Active
Regional Availability	• Europe
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Appearance	• Natural Color
Processing Method	• Injection Molding

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density	1.50 to 1.54 g/cm ³	1.50 to 1.54 g/cm ³	ISO 1183
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Modulus	943000 psi	6500 MPa	ISO 527-2
Tensile Strength	10900 psi	75.0 MPa	ISO 527-2
Tensile Stress (Break)	305 psi	2.10 MPa	ISO 527-2
Flexural Modulus	696000 psi	4800 MPa	ISO 178
Flexural Strength	15200 psi	105 MPa	ISO 178
Impact	Typical Value (English)	Typical Value (SI)	Test Method
Charpy Notched Impact Strength (73°F (23°C))	1.9 ft·lb/in ²	3.9 kJ/m ²	ISO 179
Charpy Unnotched Impact Strength 73°F (23°C)	11 ft·lb/in ²	24 kJ/m ²	ISO 179
Flammability	Typical Value (English)	Typical Value (SI)	Test Method
Flame Rating (0.13 in (3.2 mm))	HB	HB	UL 94

Processing Information

Injection	Typical Value (English)	Typical Value (SI)
Drying Temperature	176 to 212 °F	80 to 100 °C
Drying Time	4.0 hr	4.0 hr
Processing (Melt) Temp	374 to 410 °F	190 to 210 °C
Mold Temperature	167 to 212 °F	75 to 100 °C

Notes

¹ Typical values are not to be construed as specifications.

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