Edgetek™ AT-000/000 GREY VN-3581

Acetal (POM) Copolymer

PolyOne Corporation

Message:

The Edgetek® Engineering Thermoplastic Compounds portfolio covers a broad range of standard and custom-formulated high performance materials. This portfolio includes high-temperature materials for elevated service temperature environments, high-modulus / structural materials for load-bearing and high-strength applications and flame-retardant products. These compounds are based on select engineering thermoplastic resins that are compounded with reinforcing additives such as carbon fiber, glass fiber and glass beads.

General Information			
Features	Low Moisture Absorption		
RoHS Compliance	RoHS Compliant		
Appearance	Dark Grey		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density [1] (23°C)	1.40	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	23.0	cm³/10min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus (23°C, 4.00 mm, Injection Molded)	2500	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C, 4.00 mm)	56.0	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C, 4.00 mm, Injection Molded)	9.0	%	ISO 527-2/5
Flexural Modulus	2100	MPa	ISO 178
Flexural Stress	80.0	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C, Injection Molded)	10	kJ/m²	ISO 179
Charpy Unnotched Impact Strength (23°C, Injection Molded)	75	kJ/m²	ISO 179
NOTE			
1.	±0.03		

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