

Edgetek™ ET6000-5019 HI BLACK

Polyamide 6

PolyOne Corporation

Message:

The Edgetek® Engineering Thermoplastic Compounds portfolio covers a broad range of standard and customer-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, flame-retardant products as well as customer-specific compounds. These compounds are based on selected engineering thermoplastic resins containing reinforcing fillers and/or special additives.

General Information			
Uses	Automotive Applications		
	Consumer Applications		
	Household Goods		
	Industrial Applications		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.06	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1700	MPa	ISO 527-2
Tensile Stress (Break)	43.0	MPa	ISO 527-2
Tensile Strain (Break)	> 25	%	ISO 527-2
Flexural Modulus	1600	MPa	ISO 178
Flexural Stress	65.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	70	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength	> 100	kJ/m ²	ISO 179
Injection	Nominal Value	Unit	
Drying Temperature	60.0 to 80.0	°C	
Drying Time	2.0 to 4.0	hr	
Processing (Melt) Temp	240 to 260	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

