

# Edgetek™ ET7400-0001 Natural

General Purpose Polystyrene

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			
Filler / Reinforcement	Mineral filler		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	63	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break)	14.5	MPa	ASTM D638
Flexural Modulus <sup>2</sup>	1480	MPa	ASTM D790
Flexural Strength <sup>3</sup>	27.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	27	J/m	ASTM D256
NOTE			
1.	5.1 mm/min		
2.	1.3 mm/min		
3.	1.3 mm/min		

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## Recommended distributors for this material

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