



Edgetek™ ET7300-0004 Aluminum Acrylonitrile Butadiene Styrene

Key Characteristics

Product Description

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

Material Status	• Commercial: Active
Regional Availability	• North America
Forms	• Pellets

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density / Specific Gravity	1.06 to 1.07	1.06 to 1.07	ASTM D792
Molding Shrinkage - Flow	4.0E-3 to 6.5E-3 in/in	0.40 to 0.65 %	ASTM D955
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength (Break)	4650 psi	32.1 MPa	ASTM D638
Flexural Modulus	357000 psi	2460 MPa	ASTM D790

Notes

¹ Typical values are not to be construed as specifications.