



## Edgetek™ NI-10GF/000

### Polyamide 610

#### Key Characteristics

General			
Material Status	• Commercial: Active		
Regional Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Glass Fiber		
Forms	• Pellets		

#### Technical Properties <sup>1</sup>

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Specific Gravity	1.14	1.14	ASTM D792
Molding Shrinkage - Flow	4.0E-3 in/in	0.40 %	ASTM D955
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength <sup>2</sup> (Break)	12000 psi	82.7 MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	4.0 %	4.0 %	ASTM D638
Flexural Modulus	600000 psi	4140 MPa	ASTM D790
Flexural Strength	18000 psi	124 MPa	ASTM D790
Impact	Typical Value (English)	Typical Value (SI)	Test Method
Notched Izod Impact			ASTM D256A
73°F (23°C), 0.250 in (6.35 mm), Injection Molded	1.0 ft·lb/in	53 J/m	

#### Processing Information

Injection	Typical Value (English)	Typical Value (SI)
Drying Temperature	200 °F	93.3 °C
Drying Time	4.0 hr	4.0 hr
Processing (Melt) Temp	540 °F	282 °C
Mold Temperature	200 °F	93.3 °C

#### Notes

<sup>1</sup> Typical values are not to be construed as specifications.

<sup>2</sup> Type I, 0.20 in/min (5.1 mm/min)

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