Celstran® PA66-GF50-02 AD3002 Black

Celanese Corporation - Polyamide 66

Monday, November 4, 2019

General Information

General			
Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Filler / Reinforcement	• Glass Fiber, 50% Filler by Weight		
Appearance	• Black		

ASTM & ISO Properties [1]

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2.44E+6	psi	ISO 527-2/1A
Tensile Stress (Break)	32600	psi	ISO 527-2/1A/5
Tensile Strain (Break)	1.6	%	ISO 527-2/1A/5
Flexural Modulus (73°F)	2.15E+6	psi	ISO 178
Flexural Stress (73°F)	52200	psi	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (73°F)	19	ft·lb/in²	ISO 179/1eA
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (264 psi, Unannealed)	502	°F	ISO 75-2/A

Notes

[1] Typical properties: these are not to be construed as specifications.