



Celstran® PA6-GF40-01 AF3001 Natural

Celanese Corporation - Polyamide 6

Monday, November 4, 2019

General Information

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Filler / Reinforcement	• Glass Fiber, 40% Filler by Weight		
Appearance	• Natural Color		

ASTM & ISO Properties ¹

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1.89E+6	psi	ISO 527-2/1A
Tensile Stress (Break)	33400	psi	ISO 527-2/1A/5
Tensile Strain (Break)	2.4	%	ISO 527-2/1A/5
Flexural Modulus (73°F)	1.64E+6	psi	ISO 178
Flexural Stress (73°F)	53700	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (73°F)	17	ft-lb/in ²	ISO 180/1A

Notes

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