



Celstran® PA66-GF40-02 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, 40% Filler by Weight		
Appearance	• Black		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.46	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1.99E+6	psi	ISO 527-2/1A
Tensile Stress (Break)	27600	psi	ISO 527-2/1A/5
Tensile Strain (Break)	1.6	%	ISO 527-2/1A/5
Flexural Modulus (73°F)	1.74E+6	psi	ISO 178
Flexural Stress (73°F)	43500	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	13	ft-lb/in ²	ISO 179/1eA

Notes

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