



Celstran® PA6-CF50-12 AD3002 Black

Celanese Corporation - Polyamide 6

Monday, November 4, 2019

General Information

General

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

ASTM & ISO Properties ¹

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5.34E+6	psi	ISO 527-2/1A
Tensile Stress (Break)	42100	psi	ISO 527-2/1A/5
Tensile Strain (Break)	0.95	%	ISO 527-2/1A/5
Flexural Modulus (73°F)	5.00E+6	psi	ISO 178
Flexural Stress (73°F)	75400	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	15	ft-lb/in ²	ISO 179/1eA

Notes

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