



Chemlon® 233 GVH

Teknor Apex Company - Polyamide 6

General Information

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Filler / Reinforcement	• Glass Fiber, 33% Filler by Weight		
Additive	• Flame Retardant		
Features	• Flame Retardant	• Good Stiffness	• High Strength
Agency Ratings	• UL 94		
Appearance	• Black	• Natural Color	
Forms	• Pellets		
Processing Method	• Injection Molding		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.60	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	21000	psi	ISO 527
Tensile Strain (Break)	2.0	%	ISO 527
Flexural Modulus	1.10E+6	psi	ISO 178/A
Flexural Stress	31900	psi	ISO 178/A
Thermal	Nominal Value	Unit	
Melting Temperature	419	°F	
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.06 in)	V-0		UL 94

Notes

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