



Chemlon® 112 GVH

Teknor Apex Company - Polyamide 66

General Information

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Filler / Reinforcement	• Glass Fiber, 12% Filler by Weight		
Additive	• Flame Retardant		
Features	• Creep Resistant • Flame Retardant	• Good Dimensional Stability • Good Stiffness	• High Tensile Strength
Appearance	• Black	• Natural Color	
Forms	• Pellets		
Processing Method	• Injection Molding		

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.50		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (73°F)	15500	psi	ASTM D638
Tensile Elongation (Break, 73°F)	2.5	%	ASTM D638
Flexural Modulus (73°F)	800000	psi	ASTM D790
Flexural Strength (73°F)	21000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	1.0	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	430	°F	ASTM D648
Melting Temperature	490	°F	
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.06 in, NT, Black)	V-0		UL 94

Notes

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