

Chemlon® 112 GVH

Polyamide 66

Teknor Apex Company (Chem Polymer)

Message:

Chemlon® 112 GVH is a Polyamide 66 (Nylon 66) material filled with 12% glass fiber. It is available in Asia Pacific, Europe, or North America for injection molding.

Important attributes of Chemlon® 112 GVH are:

- Flame Rated
- Flame Retardant
- Creep Resistant
- Good Dimensional Stability
- Good Stiffness

General Information			
UL YellowCard	E90654-252575	E90654-252576	
Filler / Reinforcement	Glass Fiber,12% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Creep Resistance		
	Good Dimensional Stability		
	Good Stiffness		
	High Tensile Strength		
Appearance	Black		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	107	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	2.5	%	ASTM D638
Flexural Modulus (23°C)	5520	MPa	ASTM D790
Flexural Strength (23°C)	145	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	221	°C	ASTM D648
Melting Temperature	254	°C	
Flammability	Nominal Value	Test Method	
Flame Rating (1.59 mm, NT, Black)	V-0	UL 94	

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Recommended distributors for this material

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