

Chemlon® 109-18 GH

Polyamide 66

Teknor Apex Company (Chem Polymer)

Message:

Chemlon® 109-18 GH is a Polyamide 66 (Nylon 66) material filled with 18% glass fiber. It is available in Asia Pacific, Europe, or North America for injection molding.

Important attributes of Chemlon® 109-18 GH are:

- Creep Resistant
- Ductile
- Good Stiffness
- Good Toughness
- Heat Stabilizer

General Information			
Filler / Reinforcement	Glass Fiber,18% Filler by Weight		
Additive	Heat Stabilizer		
Features	Ductile		
	Good Creep Resistance		
	Good Impact Resistance		
	Good Stiffness		
	Good Toughness		
	Heat Stabilized		
Appearance	Black		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	86.2	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	3720	MPa	ASTM D790
Flexural Strength	131	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	130	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	

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Recommended distributors for this material

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