

Chemlon® 225 GH

Polyamide 6

Teknor Apex Company (Chem Polymer)

Message:

Chemlon® 225 GH is a Polyamide 6 (Nylon 6) material filled with 25% glass fiber. It is available in Asia Pacific, Europe, or North America for injection molding.

Important attributes of Chemlon® 225 GH are:

- Good Dimensional Stability
- Heat Stabilizer
- Impact Resistant
- Lubricated

General Information			
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Additive	Heat Stabilizer		
	Lubricant		
Features	Good Dimensional Stability		
	Good Impact Resistance		
	Heat Stabilized		
	Lubricated		
Appearance	Black		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	148	MPa	ASTM D638
Tensile Elongation (Break)	2.5	%	ASTM D638
Flexural Modulus	6410	MPa	ASTM D790
Flexural Strength	217	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	210	°C	ASTM D648
Melting Temperature	216	°C	

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Recommended distributors for this material

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