

Chemlon® 217 GI

Polyamide 6

Teknor Apex Company (Chem Polymer)

Message:

Chemlon® 217 GI is a Polyamide 6 (Nylon 6) material filled with 17% glass fiber. It is available in Asia Pacific, Europe, or North America for injection molding.

Important attributes of Chemlon® 217 GI are:

- Creep Resistant
- Good Stiffness
- Good Toughness
- Impact Modified

General Information			
Filler / Reinforcement	Glass Fiber,17% Filler by Weight		
Additive	Impact Modifier		
Features	Good Creep Resistance		
	Good Stiffness		
	Good Toughness		
	Impact Modified		
Appearance	Black		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	93.1	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	3790	MPa	ASTM D790
Flexural Strength	131	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	190	J/m	ASTM D256
Thermal	Nominal Value	Unit	
Melting Temperature	216	°C	

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Recommended distributors for this material

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