

Chemlon® 115 GA

Polyamide 66

Teknor Apex Company (Chem Polymer)

Message:

Chemlon® 115 GA is a Polyamide 66 (Nylon 66) material filled with 15% glass fiber. It is available in Asia Pacific, Europe, or North America for injection molding.

Important attributes of Chemlon® 115 GA are:

- Creep Resistant
- Good Dimensional Stability
- Good Stiffness
- High Gloss
- High Strength

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Features	Good Creep Resistance		
	Good Dimensional Stability		
	Good Stiffness		
	High Gloss		
	High Strength		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	110	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	5170	MPa	ASTM D790
Flexural Strength	176	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	64	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	243	°C	ASTM D648
Melting Temperature	254	°C	

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Recommended distributors for this material

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