

# Chemlon® 143 GU

Polyamide 66

Teknor Apex Company (Chem Polymer)

Message:

Chemlon® 143 GU is a Polyamide 66 (Nylon 66) material filled with 43% glass fiber. It is available in Asia Pacific, Europe, or North America for injection molding.

Important attributes of Chemlon® 143 GU are:

Good UV Resistance

High Strength

Rigid

UV Stabilized

General Information			
Filler / Reinforcement	Glass Fiber,43% Filler by Weight		
Additive	UV Stabilizer		
Features	Good UV Resistance		
	High Rigidity		
	High Tensile Strength		
Appearance	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)	193	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	2.5	%	ASTM D638
Flexural Modulus (23°C)	10300	MPa	ASTM D790
Flexural Strength (23°C)	262	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)	249	°C	ASTM D648
Melting Temperature	254	°C	

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Recommended distributors for this material

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