

Chemlon® 243 GU

Polyamide 6

Teknor Apex Company (Chem Polymer)

Message:

Chemlon® 243 GU is a Polyamide 6 (Nylon 6) material filled with 43% glass fiber. It is available in Asia Pacific, Europe, or North America for injection molding.

Important attributes of Chemlon® 243 GU are:

High Strength

Rigid

UV Stabilized

General Information			
Filler / Reinforcement	Glass Fiber,43% Filler by Weight		
Additive	UV Stabilizer		
Features	High Rigidity		
	High Strength		
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)	200	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	2.0	%	ASTM D638
Flexural Modulus (23°C)	9310	MPa	ASTM D790
Flexural Strength (23°C)	262	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	190	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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