

# Chemlon® 433 GU

Polyamide 6

Teknor Apex Company (Chem Polymer)

Message:

Chemlon® 433 GU is a Polyamide 6 (Nylon 6) material filled with 33% glass fiber. It is available in Asia Pacific, Europe, or North America for injection molding.

Important attributes of Chemlon® 433 GU are:

- Good Dimensional Stability
- Heat Stabilizer
- High Strength
- Impact Resistant
- UV Stabilized

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Additive	Heat Stabilizer		
	UV Stabilizer		
Features	Good Dimensional Stability		
	Heat Stabilized		
	High Impact Resistance		
	High Tensile Strength		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	138	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	2.0	%	ASTM D638
Flexural Modulus (23°C)	7240	MPa	ASTM D790
Flexural Strength (23°C)	193	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

# Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

