



Chemlon® 250 G

Teknor Apex Company - Polyamide 6

General Information

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Filler / Reinforcement	• Glass Fiber, 50% Filler by Weight		
Features	• Good Dimensional Stability	• Good Impact Resistance	• High Tensile Strength
Forms	• Pellets		
Processing Method	• Injection Molding		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.54		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (73°F)	30000	psi	ASTM D638
Tensile Elongation (Break, 73°F)	1.5	%	ASTM D638
Flexural Modulus (73°F)	1.60E+6	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	3.0	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	410	°F	ASTM D648
Melting Temperature	420	°F	

Notes

¹ Typical properties: these are not to be construed as specifications.