



Chemlon® 225 GH

Teknor Apex Company - Polyamide 6

General Information

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Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Filler / Reinforcement	• Glass Fiber, 25% Filler by Weight		
Additive	• Heat Stabilizer	• Lubricant	
Features	• Good Dimensional Stability • Good Impact Resistance	• Heat Stabilized • Lubricated	
Appearance	• Black	• Natural Color	
Forms	• Pellets		
Processing Method	• Injection Molding		

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.35		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	21500	psi	ASTM D638
Tensile Elongation (Break)	2.5	%	ASTM D638
Flexural Modulus	930000	psi	ASTM D790
Flexural Strength	31500	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	2.0	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.