



Chemlon® 217 GIH

Teknor Apex Company (Chem Polymer) - Polyamide 6

General Information

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Filler / Reinforcement	• Glass Fiber, 17% Filler by Weight		
Additive	• Heat Stabilizer	• Impact Modifier	
Features	• Creep Resistant • Good Stiffness	• Good Toughness • Heat Stabilized	• Impact Modified
Appearance	• Black	• Natural Color	
Forms	• Pellets		
Processing Method	• Injection Molding		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	13500	psi	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	550000	psi	ASTM D790
Flexural Strength	19000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	3.5	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	
Melting Temperature	420	°F	

Notes

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