

Chemlon® 206 GH

Teknor Apex Company (Chem Polymer) - Polyamide 6

Friday, June 30, 2017

General Information

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Filler / Reinforcement	• Glass Fiber, 6.0% Filler by Weight		
Additive	• Heat Stabilizer	• Lubricant	
Features	• Creep Resistant • Good Dimensional Stability	• Good Stiffness • Heat Stabilized	• Lubricated
Appearance	• Black	• Natural Color	
Forms	• Pellets		
Processing Method	• Injection Molding		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	13500	psi	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	480000	psi	ASTM D790
Flexural Strength	18000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	1.0	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
264 psi, Unannealed	356	°F	
Melting Temperature	420	°F	

Notes

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

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