

Chemlon® 217 GI

Teknor Apex Company (Chem Polymer) - Polyamide 6

Tuesday, December 19, 2017

General Information

General

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

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.21	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	93.1	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	3790	MPa	ASTM D790
Flexural Strength	131	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	190	J/m	ASTM D256
Thermal	Nominal Value	Unit	
Melting Temperature	216	°C	

Notes

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

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Revision Date: 12/11/2008

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