

Chemlon® 109-14 G

Teknor Apex Company (Chem Polymer) - Polyamide 66

Friday, June 30, 2017

General Information

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Filler / Reinforcement	• Glass Fiber, 14% Filler by Weight		
Additive	• Lubricant		
Features	• Creep Resistant	• Good Stiffness	• Lubricated
	• Good Impact Resistance	• Good Toughness	
Appearance	• Natural Color		
Forms	• Pellets		
Processing Method	• Injection Molding		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (73°F)	12000	psi	ASTM D638
Tensile Elongation (Break, 73°F)	7.0	%	ASTM D638
Flexural Modulus (73°F)	470000	psi	ASTM D790
Flexural Strength (73°F)	16000	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			ASTM D648
264 psi, Unannealed	475	°F	
Melting Temperature	490	°F	

Notes

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

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