



Chemlon® 109-14 G

Teknor Apex Company - Polyamide 66

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 Impact Resistance	• Good Stiffness • Good Toughness	• Lubricated
Appearance	• Natural Color		
Forms	• Pellets		
Processing Method	• Injection Molding		

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density / 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 264 psi, Unannealed	475	°F	ASTM D648
Melting Temperature	490	°F	

Notes

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