



Chemlon® 109-13 G

Teknor Apex Company - Polyamide 66

General Information

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Filler / Reinforcement	• Glass Fiber, 13% 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 Properties¹

Physical	Nominal Value	Unit	Test Method
Density	1.19	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	255	g/10 min	ISO 11357
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	12000	psi	ISO 527
Tensile Strain (Break)	7.0	%	ISO 527
Flexural Modulus	466000	psi	ISO 178/A
Flexural Stress	16000	psi	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	> 4.3	ft·lb/in ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ISO 75-2/A
264 psi, Unannealed	473	°F	
Melting Temperature	490	°F	

Notes

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