



Chemlon® 504-13 G

Teknor Apex Company (Chem Polymer) - Polyamide 66

General Information

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Filler / Reinforcement	• Glass Fiber, 13% Filler by Weight		
Additive	• Impact Modifier		
Features	• Ductile	• Good Toughness	• Impact Modified
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (73°F)	12000	psi	ASTM D638
Tensile Elongation (Break, 73°F)	5.0	%	ASTM D638
Flexural Modulus (73°F)	525000	psi	ASTM D790
Flexural Strength (73°F)	19500	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	2.0	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	401	°F	ASTM D648
Melting Temperature	490	°F	

Notes

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