



Chemlon® 102 L

Teknor Apex Company (Chem Polymer) - Polyamide 66

General Information

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Additive	• Lubricant		
Features	• Good Processability • Good Toughness	• High Rigidity • High Strength	• Lubricated • Nucleated
Appearance	• Natural Color		
Forms	• Pellets		
Processing Method	• Injection Molding		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	13000	psi	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	470000	psi	ASTM D790
Flexural Strength	17900	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	1.0	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	170	°F	ASTM D648
Melting Temperature	490	°F	

Notes

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