



Chemlon® 504

Teknor Apex Company (Chem Polymer) - Polyamide 66

General Information

Product Description

NOTE: These properties were tested on injection molded test bars of natural color. Pigmentation may affect certain properties.

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Additive	• Impact Modifier	• Lubricant	
Features	• Good Toughness	• Impact Modified	• Lubricated
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (73°F)	9000	psi	ASTM D638
Tensile Elongation (Break, 73°F)	30	%	ASTM D638
Flexural Modulus (73°F)	320000	psi	ASTM D790
Flexural Strength (73°F)	12500	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	2.5	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
264 psi, Unannealed	175	°F	
Melting Temperature	490	°F	

Notes

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