

# Chemlon® 504

Polyamide 66

Teknor Apex Company (Chem Polymer)

## Message:

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

General Information			
Additive	Impact Modifier		
	Lubricant		
Features	Good Toughness		
	Impact Modified		
	Lubricated		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	62.1	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	30	%	ASTM D638
Flexural Modulus (23°C)	2210	MPa	ASTM D790
Flexural Strength (23°C)	86.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	130	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	79.4	°C	ASTM D648
Melting Temperature	254	°C	

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## Recommended distributors for this material

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