

Chemlon® 904-13 GVNH

Teknor Apex Company (Chem Polymer) - Polyamide

Friday, June 30, 2017

General Information

General

Material Status	• Commercial: Active
Availability	• North America
Uses	• Automotive Under the Hood
Automotive Specifications	• GM GMW16864P-PA-GF15H

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.31	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (73°F)	943000	psi	ISO 527-2/1
Tensile Stress (Yield)	15200	psi	ISO 527-2
Nominal Tensile Strain at Break	3.0	%	ISO 527-2
Flexural Modulus	870000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-22°F	1.8	ft-lb/in ²	
73°F	2.1	ft-lb/in ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (264 psi, Unannealed)	473	°F	ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.031 in)	V-0		UL 94

Notes

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

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