

## Teknor Apex Flexalloy® 3501-65-NT Polyvinyl Chloride Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE , Vinyl (PVC)

### Material Notes:

Material Status-Commercial: ActiveAvailability-North AmericaTest Standards Available-ASTM Features: Ultra High MW, Ethylene Oxide SterilizableForms-PelletsProcessing-Extrusion, Injection MoldingAppearance-ClearInformation provided by Teknor Apex Company

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Teknor-Apex-Flexalloy-3501-65-NT-Polyvinyl-Chloride-Elastomer.php](http://www.lookpolymers.com/polymer_Teknor-Apex-Flexalloy-3501-65-NT-Polyvinyl-Chloride-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.16 g/cc	1.16 g/cc	23Â°C; ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	65	65	15 seconds; ASTM D2240
Tensile Strength, Yield	5.52 MPa	800 psi	100%; ASTM D412
	14.5 MPa	2100 psi	3; ASTM D412
	16.2 MPa	2350 psi	ASTM D412
Elongation at Break	390 %	390 %	ASTM D412
Tear Strength Test	200	200	in psi, Die C; ASTM D624
Compression Set	16 %	16 %	73Â°F, 22 hr.; ASTM D395
	55 %	55 %	158Â°F, 22 hr.; ASTM D395
	60 %	60 %	212Â°F, 22 hr.; ASTM D395

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-46.0 Â°C	-50.8 Â°F	ASTM D746

## Contact Songhan Plastic Technology Co.,Ltd.

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