

Teknor Apex Flexalloy® 3501-40-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-3501-40-NT-Polyvinyl-Chloride-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	23Â°C; ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	40	40	15 seconds; ASTM D2240
Tensile Strength, Yield	2.21 MPa	320 psi	100%; ASTM D412
	6.07 MPa	880 psi	3; ASTM D412
	7.72 MPa	1120 psi	ASTM D412
Elongation at Break	370 %	370 %	ASTM D412
Tear Strength Test	115	115	in psi, Die C; ASTM D624
Compression Set	13 %	13 %	73Â°F, 22 hr.; ASTM D395
	54 %	54 %	158Â°F, 22 hr.; ASTM D395
	67 %	67 %	212Â°F, 22 hr.; ASTM D395

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-57.0 Â°C	-70.6 Â°F	ASTM D746

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