

Teknor Apex Flexalloy® 3501-55-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-3501-55-NT-Polyvinyl-Chloride-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	23°C; ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55	55	15 seconds; ASTM D2240
Tensile Strength, Yield	4.00 MPa	580 psi	100%; ASTM D412
	10.2 MPa	1480 psi	3; ASTM D412
	12.8 MPa	1850 psi	ASTM D412
Elongation at Break	390 %	390 %	ASTM D412
Tear Strength Test	150	150	in psi, Die C; ASTM D624
Compression Set	14 %	14 %	73°F, 22 hr.; ASTM D395
	55 %	55 %	158°F, 22 hr.; ASTM D395
	61 %	61 %	212°F, 22 hr.; ASTM D395

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-50.0 °C	-58.0 °F	ASTM D746

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China