

## Teknor Apex Flexalloy® 3500-50 Polyvinyl Chloride Elastomer

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

### Material Notes:

Material Status-Commercial: ActiveAvailability-North AmericaTest Standards Available-ASTM Features: Ultra High MWUses- Tubing, Pump PartsForms-PelletsProcessing- ExtrusionInformation provided by Teknor Apex Company

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Teknor-Apex-Flexalloy-3500-50-Polyvinyl-Chloride-Elastomer.php](http://www.lookpolymers.com/polymer_Teknor-Apex-Flexalloy-3500-50-Polyvinyl-Chloride-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.13 g/cc	1.13 g/cc	23°C; ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50	50	15 seconds; ASTM D2240
Tensile Strength, Yield	3.17 MPa	460 psi	100%; ASTM D412
	9.72 MPa	1410 psi	ASTM D412
Elongation at Break	360 %	360 %	ASTM D412
Tear Strength, Total	643.8 N	144.7 lb (f)	Die C; ASTM D1004
Compression Set	13 %	13 %	73°F, 22 hr.; ASTM D395
	56 %	56 %	158°F, 22 hr.; ASTM D395
	63 %	63 %	212°F, 22 hr.; ASTM D395

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-52.0 °C	-61.6 °F	ASTM D746

## Contact Songhan Plastic Technology Co.,Ltd.

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