

Teknor Apex Flexalloy® 9900-50 Polyvinyl Chloride Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE , Vinyl (PVC) , PVC, Wire and Cable Grade

Material Notes:

Material Status-Commercial: ActiveAvailability-North AmericaTest Standards Available-ASTM Features: Oil Resistant, Ultra High MWUses- Footwear, Tubing, Gaskets, Tools (Power/Others), Hose, Wire and Cable Applications, SealsForms-PelletsProcessing- ExtrusionInformation provided by Teknor Apex Company

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Flexalloy-9900-50-Polyvinyl-Chloride-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.12 g/cc	1.12 g/cc	23°C; ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50	50	15 seconds; ASTM D2240
Tensile Strength, Yield	9.10 MPa	1320 psi	ASTM D412
Elongation at Break	390 %	390 %	ASTM D412
Compression Set	35 %	35 %	158°F, 22 hr.; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	205 °C	401 °F	50 min.
Brittleness Temperature	-45.0 °C	-49.0 °F	ASTM D746

Descriptive Properties	Value	Comments
Swell	0.5%; Oil Immersion, ASTM #3 oil, 125°C, 7 days	

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