

Teknor Apex Flexalloy® 3500-60 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-3500-60-Polyvinyl-Chloride-Elastomer.php

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

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	15 seconds; ASTM D2240
Tensile Strength, Yield	4.27 MPa	620 psi	100%; ASTM D412
	13.1 MPa	1900 psi	ASTM D412
Elongation at Break	350 %	350 %	ASTM D412
Tear Strength, Total	799.2 N	179.7 lb (f)	Die C; ASTM D1004
Compression Set	15 %	15 %	73°F, 22 hr.; ASTM D395
	56 %	56 %	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

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