

Teknor Apex Uniprene® 50D Polyvinyl Chloride, Flexible

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Flexible Grade

Material Notes:

Features: High Elastic Recovery Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Uniprene-50D-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.930 g/cc	0.930 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	50	50	5 seconds; ASTM D2240
Tensile Strength at Break	22.8 MPa	3300 psi	ASTM D412
Elongation at Break	600 %	600 %	ASTM D412
100% Modulus	0.0145 GPa	2.10 ksi	ASTM D412
Tear Strength	114 kN/m	650 pli	Die C; ASTM D624
Compression Set	45 %	45 %	Method B; ASTM D395
	@Temperature -5.00 °C, Time 79200 sec	@Temperature 23.0 °F, Time 22.0 hour	
	67 %	67 %	
	@Temperature 21.1 °C, Time 79200 sec	@Temperature 70.0 °F, Time 22.0 hour	Method B; ASTM D395
	80 %	80 %	Method B; ASTM D395
	@Temperature 37.8 °C, Time 79200 sec	@Temperature 100 °F, Time 22.0 hour	

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