

DuPont Vamac® G Sample Compound Vulcanizate Slab Cure (10 minutes at 177°C)

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Vulcanizate performance test data can help end-users evaluate the potential fitness of similar compounds for their own applications. Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Vamac-G-Sample-Compound-Vulcanizate-Slab-Cure-10-minutes-at-177C.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	68	68	
Tensile Strength, Ultimate	15.2 MPa	2200 psi	
Elongation at Break	280 %	280 %	
100% Modulus	0.00510 GPa	0.740 ksi	
Compression Set	6.0 %	6.0 %	70 hrs at 150°C, method B, plied
	12 %	12 %	168 hrs at 150°C, method B, plied
	24 %	24 %	168 hrs at 177°C, method B, plied

Thermal Properties	Metric	English	Comments
Brittleness Temperature	<= -24.0 °C	<= -11.2 °F	TR-10
Clash Berg Stiffness Temperature	-26.0 °C	-14.8 °F	At 69 MPa

Descriptive Properties	Value	Comments
Armeen® 18D	0.5 parts	
DIAC No. 7(TIAC)	1.5 parts	
DOTG Coaccelerator	4 parts	
Naugard® 445 antioxidant	1 part	
SRF Black(N774)	65 parts	
Stearic Acid	1.5 parts	
Vamac® G	100 parts	
Vanfre® VAM	1 part	

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