

DuPont Vamac® GLS Sample Compound Vulcanizate Slab Cured

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

Material Notes:

Test slab is press cured for 5 minutes at 177°C and post cured for 4hrs at 175°C. 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-GLS-Sample-Compound-Vulcanizate-Slab-Cured.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	68	68	
	72	72	Air aged 7 days at 150°C
	86	86	Air aged 14 days at 175°C
Tensile Strength, Ultimate	15.4 MPa	2230 psi	Air aged 14 days at 175°C
	15.6 MPa	2260 psi	Air aged 7 days at 150°C
	16.1 MPa	2340 psi	
Elongation at Break	193 %	193 %	Air aged 14 days at 175°C
	272 %	272 %	
	278 %	278 %	Air aged 7 days at 150°C
100% Modulus	0.00640 GPa	0.928 ksi	
	0.00680 GPa	0.986 ksi	Air aged 7 days at 150°C
	0.00950 GPa	1.38 ksi	Air aged 14 days at 175°C
Tear Strength	34.0 kN/m	194 pli	Die C, at 23°C
Compression Set	20 %	20 %	70 hrs at 150°C, method B, plied
	28 %	28 %	168 hrs at 150°C, method B, plied

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-23.0 °C	-9.40 °F	By DSC

Descriptive Properties	Value	Comments
Armeen® 18D	0.5 parts	
Diak No. 1	1.5 parts	

DOTG Coaccelerator Descriptive Properties	4 parts Value	Comments
FEF Black(N550)	60 parts	
Naugard® 445 antioxidant	2 parts	
Stearic Acid	1.5 parts	
TP-760	10 parts	
Vamac® GLS	100 parts	
Vanfre® VAM	1 part	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China