

## DuPont Vamac® HVG Sample Compound

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

### Material Notes:

Test compound is press cured for 5 minutes at 175°C and post cured for 4 hours at 175°C. Information provided by DuPont.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Vamac-HVG-Sample-Compound.php](http://www.lookpolymers.com/polymer_DuPont-Vamac-HVG-Sample-Compound.php)

Physical Properties	Metric	English	Comments
Mooney Viscosity	55 @Temperature 100 °C	55 @Temperature 212 °F	ML(1+4); ASTM D1646

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	64	64	ASTM D2240
Tensile Strength, Ultimate	16.4 MPa	2380 psi	ASTM D412
Elongation at Break	275 %	275 %	ASTM D412
100% Modulus	0.00600 GPa	0.870 ksi	ASTM D412
Compression Set	16 %	16 %	70 hrs at 150°C; ASTM D395

Descriptive Properties	Value	Comments
Armeen® 18D	0.5 phr	
Diak No. 1	1.5 phr	
DOTG Coaccelerator	4 phr	
Mooney Scorch at 121°C, Minimum Viscosity	23.4 metric minutes	Mooney Units, ASTM D1646
Mooney Scorch at 121°C, t10	10.5 metric minutes	Time for 10 unit rise, ASTM D1646
Mooney Scorch at 121°C, t18	17.6 metric minutes	Time for 18 unit rise, ASTM D1646
N550 Black	60 phr	
Naugard® 445 antioxidant	2 phr	
Stearic Acid	1.5 phr	
TP-761	10 phr	
Vamac® HVG	100 phr	
Vanfre® VAM	1.5 phr	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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