

DuPont Vamac® G Ethylene Methylacrylate Terpolymer

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

Material Notes:

Vamac® G is a terpolymer of ethylene, methylacrylate, and a cure site monomer cured using an amine-based vulcanization system. This gum elastomer includes a small amount of processing aid. It has excellent storage stability. Vamac® G has excellent high-temperature durability and oil resistance with service lubricants, coupled with good low-temperature flexibility. Compounds of Vamac® G are typically rated at 175°C (347°F) for heat resistance, with oil swell values around 50% in ASTM No. 3 oil. These properties of Vamac® G make it well suited for a wide range of automotive applications, including powertrain seals and gaskets, rocker cover and piston seals, oil coolant hoses, power steering hoses, turbocharger hoses, crankcase ventilating tubes, coverings for fuel and coolant hoses, O-rings, grommets and spark plug boots. Vamac® G is an excellent vibration damping material that is uniquely insensitive to temperature over a range of -30°C (-22°F) to 160°C (320°F). Compounds of Vamac® G are suitable for use in torsional dampers and isolator pads. Vamac® G is a halogen-free polymer and does not decompose to give off corrosive gases when exposed to flame. It is used for flame-retardant, low-smoke, nonhalogen wire and cable jackets and in nonhalogen, low-smoke flooring. Vamac® G is well suited for injection, transfer and compression molding, and is easily extruded. Form: Bale size is nominally: 560 mm x 370 mm by 165 mm. Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Vamac-G-Ethylene-Methylacrylate-Terpolymer.php

Physical Properties	Metric	English	Comments
Density	1.03 g/cc	0.0372 lb/in ³	Nominal
Mooney Viscosity	14 - 19 @Temperature 100 °C	14 - 19 @Temperature 212 °F	ML(1+4); ASTM D1646
Collected Volatile Condensable Material	<= 0.70 %	<= 0.70 %	DuPont Test MP 726-1

Descriptive Properties	Value	Comments
Color	Clear	Visual inspection
Odor	Mild acrylic	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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