Vamac® GXF

Ethylene Acrylic Elastomer

DuPont Performance Elastomers

Message:

DuPont[™] Vamac[®] GXF is a terpolymer of ethylene, methylacrylate, and a cure site monomer cured using an amine-based vulcanization system. Compared with Vamac[®] G, Vamac[®] GXF has improved high temperature properties and better dynamic flex fatigue resistance. Vamac[®] GXF includes a small amount of processing aid, and has a nominal specific gravity of 1.03. It has a mild acrylic odor. Use adequate ventilation during storage, mixing, and processing to prevent accumulation of residual vapors. Storage stability is excellent.

Vamac[®] GXF is well suited for those applications which need improved high temperature properties or improved dynamic flex fatigue resistance over Vamac[®] G and can tolerate a slightly longer cure time. Typical applications that would benefit from the improved properties of Vamac[®] GXF are air ducts, hoses and torsional dampers.

Compounds of Vamac® GXF compared to Vamac® G have longer scorch time for improved processing and slightly higher compression sets. Elongation and properties at elevated temperature are improved resulting in significantly improved dynamic flex fatigue resistance. Heat and fluid aging is similar. Vamac® GXF is well suited for injection, transfer and compression molding, and is easily extruded.

General Information			
Additive	Processing Aid		
Features	Fatigue Resistant		
	High Heat Resistance		
	Terpolymer		
Uses	Hose		
Appearance	Beige		
	Clear/Transparent		
Forms	Bale		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.03	g/cm³	
Mooney Viscosity (ML 1+4, 100°C)	18	MU	ASTM D1646
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 23°C)	63		ASTM D2240
Additional Information	Nominal Value	Unit	Test Method
Volatiles	< 0.4	wt%	Internal Method

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