

Tecnoflon® FOR TF 838K

Fluoroelastomer
Solvay Specialty Polymers

Message:

TECNOFLON® FOR TF 838K is a medium viscosity cure incorporated fluoroelastomer terpolymer (FKM) with 68 % fluorine content. Tecnoflon® FOR TF 838K is designed to improve bonding in any application requiring adhesion to metal. In shaft seals or valve stem seals production, Tecnoflon® FOR TF 838K greatly reduces the reject rate due to adhesion and molding problems.

Tecnoflon® FOR TF 838K shows low crosslinking density, in order to allow further addition of curatives.

Some of the basic properties of Tecnoflon® FOR TF 838K are:

- Superior bonding to metal
- Very good scorch safety
- Outstanding processability
- Lack of mold fouling
- Excellent hot tear resistance
- Excellent mold release

Tecnoflon® FOR TF 838K can be used for compression, injection and transfer molding of shaft seals, valve stem seals, O-rings, gaskets and seals. Tecnoflon® FOR TF 838K can be combined with the cure system and other typical fluoroelastomer compounding ingredients. Mixing can be accomplished with two-roll mills or internal mixers.

This material can be extruded into hoses or profiles and can be calendered to make sheet stocks or belting. Finished goods can be produced by a variety of rubber processing methods.

General Information	
Features	Bondability
	Good Adhesion
	Good Mold Release
	Good Processability
	Good Tear Strength
	Low Density
	Medium Viscosity
	Terpolymer
Uses	Belts/Belt Repair
	Blending
	Gaskets
	Hose
	Metal Bonding
	Profiles
	Seals
	Sheet
	Valves/Valve Parts
Appearance	Off-White
Forms	Slab
Processing Method	Calendering
	Compounding

Compression Molding
Extrusion
Injection Molding
Resin Transfer Molding

Physical	Nominal Value	Unit
Mooney Viscosity ¹ (ML 1+10, 121°C)	41	MU
Fluorine Content ²	68	%
NOTE		
1.	Raw polymer	
2.	Raw polymer	

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