

Tecnoflon® FOR 5381

Fluoroelastomer
Solvay Specialty Polymers

Message:

TECNOFLON® FOR 5381 is a low viscosity cure incorporated fluoroelastomer terpolymer (FKM) with 68.5% fluorine content. Tecnoflon® FOR 5381 is well suited for all applications requiring better chemical resistance and/or long term heat resistance compared to fluoroelastomer copolymers. Tecnoflon® FOR 5381 contains proprietary cure system and special process aid providing superior processability for fast cycles and scorch safety. Some of the basic properties of TECNOFLON® FOR 5381 are:

- Very good processability
- Excellent chemical resistance
- Low compression set
- Good heat resistance

Tecnoflon® FOR 5381 can be used for compression, injection and transfer moulding of shaft seals, valve stem seals, gaskets or any item requiring excellent chemical resistance. This material can be combined with the cure system and other typical fluoroelastomer compounding ingredients. Mixing can be accomplished with two-roll mills or internal mixers.

Tecnoflon® FOR 5381 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	
Additive	Processing Aid
Features	Fast Molding Cycle
	Good Chemical Resistance
	Good Heat Aging Resistance
	Good Processability
	High Heat Resistance
	Low Compression Set
	Low Viscosity
	Terpolymer
Uses	Belts/Belt Repair
	Blending
	Gaskets
	Hose
	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)	21	MU
Fluorine Content ²	69	%
NOTE		
1.	Raw polymer	
2.	Raw polymer	

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