

Tecnoflon® FOR 537

Fluoroelastomer
Solvay Specialty Polymers

Message:

TECNOFロン® FOR 537 is a low viscosity cure incorporated fluoroelastomer copolymer. This grade is especially suited for injection molding of O-rings and sealing components which must meet demanding specifications. Tecnoflon® FOR 537 contains a proprietary cure system and a special processing aid providing superior processability for fast cycles and scorch safety. It has been particularly designed to offer improved characteristics such as flow, mold release, scorch safety and faster cycles at higher molding temperatures.

Some of the basic properties of Tecnoflon® FOR 537 are:

Best for high duro and non black compounds

O-ring curative level

Low viscosity

Improved scorch safety

Easiest mold release, no mold fouling

TECNOFロン® FOR 537 can be used for injection and transfer moulding of O-rings, gaskets, and seals. The product can be mixed using typical fluoroelastomers compounding ingredients and mixing can be accomplished with two-roll mills or internal mixers.

The 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	
Additive	Processing Aid
Features	Copolymer
	Fast Molding Cycle
	Good Flow
	Good Mold Release
	Good Processability
	Low Viscosity
Uses	Belts/Belt Repair
	Blending
	Gaskets
	Hose
	Profiles
	Seals
	Sheet
Appearance	Off-White
Forms	Slab
Processing Method	Calendering
	Compounding
	Extrusion
	Injection Molding
	Resin Transfer Molding

Physical	Nominal Value	Unit
Mooney Viscosity ¹ (ML 1+10, 121°C)	20	MU
Fluorine Content ²	66	%
NOTE		
1.	Raw polymer	
2.	Raw polymer	

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