

Tecnoflon® FOR 537

fluoroelastomer

TECNOFLON® 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

TECNOFLON® 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.

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General

Material Status	• Commercial: Active	
Availability	• Europe	• North America
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

Typical Value Unit

Mooney Viscosity ¹ (ML 1+10, 121°C)	20	MU
Fluorine Content ¹	66	%

Notes

Typical properties: these are not to be construed as specifications.

¹ Raw polymer