

Tecnoflon® FOR 532 fluoroelastomer

TECNOFLON® FOR 532 is a medium viscosity cure incorporated fluoroelastomer copolymer. This grade is well suited for applications where excellent compression set and superior mold release, are required. It can be compounded to meet MIL-R83428B and other major fluoroelastomer specifications.

Some of the basic properties of Tecnoflon® FOR 532 are:

- Very fast cure rate
- Excellent scorch safety
- Good mold flow
- Superior mold release
- Lack of mold fouling

- Very low compression set

TECNOFLON® FOR 532 can be used for compression 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.

Tecnoflon® FOR 532

fluoroelastomer

General

Material Status	• Commercial: Active	
Availability	• Europe	• North America
Features	• Copolymer • Fast Cure • Good Flow	• Good Mold Release • Low Compression Set • Medium Viscosity
Uses	• Belts/Belt Repair • Blending • Gaskets • Hose	• Profiles • Seals • Sheet
Appearance	• Off-White	
Forms	• Slab	
Processing Method	• Calendering • Compounding • Compression Molding	• Extrusion • Resin Transfer Molding

Physical

Typical Value Unit

Mooney Viscosity ¹ (ML 1+10, 121°C)	45	MU
Fluorine Content ¹	66	%

Notes

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

¹ Raw polymer