

# Tecnoflon® T 938

## fluoroelastomer

TECNOFLON® T 938 is a medium viscosity fluoroelastomer terpolymer with 68.5% fluorine content. Tecnoflon® T 938 does not contain curatives: therefore the proper levels of Tecnoflon® FOR M1 and Tecnoflon® FOR M2 must be added to achieve the required properties.

Tecnoflon® T 938 exhibits the chemical resistance typical of fluoroelastomer terpolymers. It is well suited for applications requiring better chemical resistance and/or long term heat resistance compared to fluoroelastomer copolymers.

Some of the basic properties of TECNOFLON® T 938 are:

- Excellent chemical resistance
- Good heat resistance

- Very good processability

Tecnoflon® T 938 can be used for compression, injection and transfer molding 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® T 938 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

Material Status	• Commercial: Active		
Availability	• Europe	• North America	
Features	• Good Chemical Resistance • Good Heat Aging Resistance	• Good Processability • High Heat Resistance	• Medium Viscosity • Terpolymer
Uses	• Belts/Belt Repair • Blending • Gaskets	• Hose • Profiles • Seals	• Sheet • Valves/Valve Parts
Appearance	• Translucent		
Forms	• Slab		
Processing Method	• Calendering • Compounding	• Compression Molding • Extrusion	• Injection Molding • Resin Transfer Molding

### Physical

	Typical Value	Unit	Test method
Mooney Viscosity <sup>1</sup> (ML 1+10, 121°C)	66	MU	No Standard
Fluorine Content <sup>1</sup>	69	%	No Standard

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## Notes

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

<sup>1</sup> Raw polymer

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