

Tecnoflon® T 538

Fluoroelastomer
Solvay Specialty Polymers

Message:

TECNOFLON® T 538 is a low viscosity fluoroelastomer terpolymer with 68.5% fluorine content. Tecnoflon® T 538 has been designed and synthesized with a new patented polymerization technology that assures improved processability and outstanding physical properties. Tecnoflon® T 538 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 538 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 538 are:

- Excellent chemical resistance
- Good heat resistance
- Excellent processability

Tecnoflon® T 538 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 538 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	
Features	Good Chemical Resistance
	Good Heat Aging Resistance
	Good Processability
	High Heat Resistance
	Low 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	Nominal Value	Unit
Mooney Viscosity ¹ (ML 1+10, 121°C)	26	MU
Fluorine Content ²	69	%
NOTE		
1.	Raw polymer	
2.	Raw polymer	

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