

Tecnoflon® TN

Fluoroelastomer
Solvay Specialty Polymers

Message:

TECNOFLON® TN is a high viscosity fluoroelastomer terpolymer. TN is well suited for applications requiring better chemical resistance and/or long term heat resistance compared to fluoroelastomer copolymers. It can be blended with other polymers of the Tecnoflon® family to meet specific requirements. TN does not contain curatives, therefore the proper levels of Tecnoflon® FOR M1 and Tecnoflon® FOR M2 must be added to achieve required properties. It can also be cured with diamines.

Some of the basic properties of TECNOFLON® TN are:

- Excellent chemical resistance
- Good compression set
- Excellent mould release
- Lack of mould fouling
- Superior mould flow

Tecnoflon® TN can be used for compression and transfer molding of shaft seals, valve stem seals, O-rings, gaskets, seals or any item requiring excellent chemical resistance. Tecnoflon® TN can be combined with the cure system and other typical fluoroelastomer compounding ingredients. Mixing can be accomplished with two-roll mills or internal mixers.

This 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	
Features	Good Chemical Resistance
	Good Flow
	Good Heat Aging Resistance
	Good Mold Release
	High Viscosity
	Low Compression Set
	Terpolymer
Uses	Belts/Belt Repair
	Blending
	Gaskets
	Hose
	Profiles
	Seals
	Sheet
	Valves/Valve Parts
Appearance	Translucent
Forms	Pellets
Processing Method	Calendering
	Compounding
	Compression Molding
	Extrusion
	Resin Transfer Molding

Physical	Nominal Value	Unit
Mooney Viscosity ¹ (ML 1+10, 121°C)	67	MU
Fluorine Content ²	68	%
NOTE		
1.	Raw polymer	
2.	Raw polymer	

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