Tecnoflon® TN

fluoroelastomer

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.

Click here for full datasheet.

General		
Material Status	• Commercial: Active	
Availability	• Europe	• North America
Features	• Chemical Resistant • Good Flow • Good Mold Release • Heat Aging Resistant	• 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	Typical Value	Unit
Mooney Viscosity [1] (ML 1+10, 121°C)	67	MU
Fluorine Content [1]	68	%

Notes

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

[1] Raw polymer

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