

Tecnoflon® FOR 9383

fluoroelastomer

TECNOFLON® FOR 9383 is a medium-high viscosity cure incorporated fluoroelastomer terpolymer (FKM) with 68.5% fluorine content. Tecnoflon® FOR 9383 is well suited for all applications requiring better chemical resistance and/or long term heat resistance compared to fluoroelastomer copolymers and in any application requiring adhesion to metal. Tecnoflon® FOR 9383 contains proprietary cure system providing superior processability for fast cycles and scorch safety.

Some of the basic properties of TECNOFLON® FOR 9383 are:

- Very good processability
- Excellent chemical resistance
- Good hot tear resistance
- Good heat resistance

- Good bonding to metal
- Very good scorch safety

Tecnoflon® FOR 9383 can be used for compression, injection and transfer moulding 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® FOR 9383 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.

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General

Material Status	• Commercial: Active	
Availability	• Europe	• North America
Additive	• Processing Aid	
Features	• Bondability • Chemical Resistant • Fast Molding Cycle • Good Adhesion • Good Processability	• Good Tear Strength • Heat Aging Resistant • High Heat Resistance • Medium-high Viscosity • Terpolymer
Uses	• Belts/Belt Repair • Blending • Gaskets • Hose	• Profiles • Seals • Sheet • Valves/Valve Parts
Appearance	• Off-White	
Forms	• Slab	
Processing Method	• Calendering • Compounding • Compression Molding	• Extrusion • Injection Molding • Resin Transfer Molding

Physical

Typical Value Unit

Mooney Viscosity ¹ (ML 1+10, 121°C)	60	MU
Fluorine Content ¹	69	%

Notes

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

¹ Raw polymer