

Tecnoflon® FOR 5381

fluoroelastomer

TECNOFLON® FOR 5381 is a low viscosity cure incorporated fluoroelastomer terpolymer (FKM) with 68.5% fluorine content. Tecnoflon® FOR 5381 is well suited for all applications requiring better chemical resistance and/or long term heat resistance compared to fluoroelastomer copolymers.

Tecnoflon® FOR 5381 contains proprietary cure system and special process aid providing superior processability for fast cycles and scorch safety.

Some of the basic properties of TECNOFLON® FOR 5381 are:

- Very good processability
- Excellent chemical resistance

- Low compression set
- Good heat resistance

Tecnoflon® FOR 5381 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 5381 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	
Additive	• Processing Aid		
Features	• Fast Molding Cycle • Good Chemical Resistance • Good Heat Aging Resistance	• Good Processability • High Heat Resistance • Low Compression Set	• Low 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	Test method
Mooney Viscosity ¹ (ML 1+10, 121°C)	21	MU	No Standard
Fluorine Content ¹	69	%	No Standard

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Notes

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

¹ Raw polymer

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