

Tecnoflon® FOR 7380K

fluoroelastomer

TECNOFLON® FOR 7380K is a medium viscosity cure incorporated fluoroelastomer terpolymer (FKM) with 68 % fluorine content. Tecnoflon® FOR 7380K is designed to improve bonding in any application requiring adhesion to metal. In shaft seals or valve stem seals production, Tecnoflon® FOR 7380K greatly reduces the reject rate due to adhesion and molding problems. Tecnoflon® FOR 7380K contains a new curing system and proprietary special processing aid, providing superior processability for fast cycles and scorch safety.

Some of the basic properties of Tecnoflon® FOR 7380K are:

- Very good flow
- Superior rubber-to-metal bond
- Lack of mould fouling
- Excellent hot tear resistance

Tecnoflon® FOR 7380K can be used for compression, injection and transfer molding of shaft seals, valve stem seals, O-rings, gaskets and seals. This material can be extruded into hoses or profiles and can be calendered to make sheet stocks or belting. Tecnoflon® FOR 7380K can be combined with the cure system and other typical fluoroelastomer compounding ingredients. Mixing can be accomplished with two-roll mills or internal mixers.

General

Material Status	• Commercial: Active		
Availability	• Europe	• North America	
Additive	• Processing Aid		
Features	• Bondability • Fast Molding Cycle • Good Adhesion	• Good Flow • Good Mold Release • Good Processability	• Good Tear Strength • Medium 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)	32	MU	No Standard
Fluorine Content ¹	68	%	No Standard

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Notes

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

¹ Raw polymer

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