

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.

Tecnoflon® FOR 7380K

fluoroelastomer

General

Material Status	• Commercial: Active	
Availability	• Europe	• North America
Additive	• Processing Aid	
Features	<ul style="list-style-type: none"> • Bondability • Fast Molding Cycle • Good Adhesion • Good Flow • Good Mold Release 	<ul style="list-style-type: none"> • Good Processability • Good Tear Strength • Medium Viscosity • Terpolymer
Uses	<ul style="list-style-type: none"> • Belts/Belt Repair • Blending • Gaskets • Hose 	<ul style="list-style-type: none"> • Profiles • Seals • Sheet • Valves/Valve Parts
Appearance	• Off-White	
Forms	• Slab	
Processing Method	<ul style="list-style-type: none"> • Calendering • Compounding • Compression Molding 	<ul style="list-style-type: none"> • Extrusion • Injection Molding • Resin Transfer Molding

Physical

Typical Value Unit

Mooney Viscosity ¹ (ML 1+10, 121°C)	32	MU
Fluorine Content ¹	68	%

Notes

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

¹ Raw polymer