

Tecnoflon® FOR 9385F fluoroelastomer

TECNOFLON® FOR 9385F is a medium viscosity cure incorporated fluoroelastomer terpolymer (FKM) with 68.5 % fluorine content. Tecnoflon® FOR 9385F is designed to improve bonding in any application requiring adhesion to metal. In shaft seals or valve stem seals production, Tecnoflon® FOR 9385F greatly reduces the reject rate due to adhesion and molding problems.

Some of the basic properties of Tecnoflon® FOR 9385F are:

- Superior bonding to metal
- Very good scorch safety
- Outstanding processability

- Lack of mold fouling
- Excellent hot tear resistance
- Excellent mold release

Tecnoflon® FOR 9385F 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 9385F 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
Features	• Bondability • Good Adhesion • 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 • Transfer Molding

Physical

	Typical Value	Unit
Mooney Viscosity ¹ (ML 1+10, 121°C)	45	MU
Fluorine Content ¹	69	%

Notes

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

¹ Raw polymer

