

Tecnoflon® FOR 9385F

Fluoroelastomer

Solvay Specialty Polymers

Message:

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 Information	
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 Resin Transfer Molding

Physical	Nominal Value	Unit
Mooney Viscosity ¹ (ML 1+10, 121°C)	45	MU
Fluorine Content ²	69	%

NOTE

1. Raw polymer
2. Raw polymer

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