

Tecnoflon® FOR 5312K

Fluoroelastomer
Solvay Specialty Polymers

Message:

TECNOFLON® FOR 5312K is a medium-low viscosity cure incorporated fluoroelastomer copolymer. This grade contains proprietary cure system and special processing aid providing superior processability. Tecnoflon® FOR 5312K is designed to improve bonding in any application requiring adhesion to metal. In shaft seals or valve stem seals production, Tecnoflon® FOR 5312K greatly reduces the reject rate due to adhesion and molding problems. Some of the basic properties of Tecnoflon® FOR 5312K are:

- Superior bonding to metal
- Very good scorch safety
- Outstanding processability
- Lack of mold fouling
- Excellent hot tear resistance
- Excellent mold release

TECNOFLON® FOR 5312K can be used for injection and transfer moulding of gaskets and seals. The product can be mixed using typical fluoroelastomers compounding ingredients and mixing can be accomplished with two-roll mills or internal mixers. The material 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 Information	
Additive	Processing Aid
Features	Bondability
	Copolymer
	Good Adhesion
	Good Mold Release
	Good Processability
	Good Tear Strength
	Medium-low Viscosity
Uses	Belts/Belt Repair
	Blending
	Gaskets
	Hose
	Profiles
	Seals
	Sheet
	Valves/Valve Parts
Appearance	Off-White
Forms	Slab
Processing Method	Calendering
	Compounding
	Extrusion
	Injection Molding

Physical	Nominal Value	Unit
Mooney Viscosity ¹ (ML 1+10, 121°C)	41	MU
Fluorine Content ²	66	%
NOTE		
1.	Raw polymer	
2.	Raw polymer	

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Recommended distributors for this material

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