

Tecnoflon® N 535

Fluoroelastomer
Solvay Specialty Polymers

Message:

Tecnoflon® N 535 is a low viscosity fluoroelastomer copolymer. Tecnoflon® N 535 is intended as a general purpose fluoroelastomer. It can be blended with other polymers of the Tecnoflon® family to meet specific requirements. Tecnoflon® N 535 does not contain curatives: therefore the proper levels of Tecnoflon® FOR M1 and Tecnoflon® FOR M2 must be added to achieve the required properties. It can be also cured with diamine based systems such as Tecnoflon® Tecnocin A and Tecnoflon® Tecnocin B.

Some of the unique properties of Tecnoflon® N 535 are:

- Excellent compression set
- Lack of mould fouling
- Superior extrusion behaviour
- Superior mould flow
- Excellent mould release

Tecnoflon® N 535 can be used for injection and transfer moulding of O-rings, 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. Compounds based on Tecnoflon® N 535 can be dispersed in solvents for coating applications. Finished goods can be produced by a variety of rubber processing methods.

General Information		
Features	Copolymer	
	Good Flow	
	Good Mold Release	
	Low Compression Set	
	Low Viscosity	
Uses	Belts/Belt Repair	
	Blending	
	Gaskets	
	General Purpose	
	Hose	
	Profiles	
	Seals	
	Sheet	
Appearance	Translucent	
Forms	Slab	
Processing Method	Calendering	
	Compounding	
	Extrusion	
	Injection Molding	
	Resin Transfer Molding	
Physical	Nominal Value	Unit

Mooney Viscosity ¹ (ML 1+10, 121°C)	27	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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