

## Tecnoflon® N 935

### fluoroelastomer

Tecnoflon® N 935 is a medium high viscosity fluoroelastomer copolymer. Tecnoflon® N 935 is intended as a general purpose fluoroelastomer. It can be blended with other polymers of the Tecnoflon® family to meet specific requirements. Tecnoflon® N 935 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 935 are:

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

- Excellent mould release
- Compliant to FDA 21,CFR 177.2600

Tecnoflon® N 935 can be used for compression moulding of O-rings, seals, gaskets and other items. 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 935 can be dispersed in solvents for coating applications. Finished goods can be produced by a variety of rubber processing methods.

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### General

Material Status	• Commercial: Active	
Availability	• Europe	• North America
Features	• Copolymer • General Purpose • Good Flow	• Good Mold Release • Low Compression Set • Medium-high Viscosity
Uses	• Belts/Belt Repair • Blending • Gaskets • General Purpose	• Hose • Profiles • Seals • Sheet
Agency Ratings	• FDA 21 CFR 177.2600	
Appearance	• Translucent	
Forms	• Slab	
Processing Method	• Calendering • Compounding	• Compression Molding • Extrusion

### Physical

#### Typical Value Unit

Mooney Viscosity <sup>1</sup> (ML 1+10, 121°C)	62	MU
Fluorine Content <sup>1</sup>	66	%

### Notes

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

<sup>1</sup> Raw polymer