

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.

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 | Test method |
|--|---------------|------|-------------|
| Mooney Viscosity ¹ (ML 1+10, 121°C) | 62 | MU | No Standard |
| Fluorine Content ¹ | 66 | % | No Standard |

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Notes

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

¹ Raw polymer



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