

Tecnoflon® T 636 fluoroelastomer

TECNOFLON® T 636 is a medium–low viscosity fluoroelastomer terpolymer designed to provide improved low temperature characteristics. Tecnoflon® T 636 does not contain curatives: therefore the proper levels of Tecnoflon® FOR M1 and Tecnoflon® FOR M2 must be added to achieve the required properties. Tecnoflon® T 636 exhibits the same excellent heat and chemical resistance expected from Tecnoflon® copolymers.

Some of the basic properties of TECNOFLON® T 636 are:

- Improved low temperature performance
- Good heat and chemical resistance
- Very low compression set
- Excellent mould release

- Lack of mould fouling
- Superior mould flow

Tecnoflon® T 636 can be used for compression, injection and transfer molding of O-rings, diaphragms, gaskets, seals, moulded shapes or other items requiring improved low temperature performance. Tecnoflon® T 636 can be combined with the cure system and other typical fluoroelastomer compounding ingredients. Mixing can be accomplished with two-roll mills or internal mixers. This 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.

[Click here for full datasheet.](#)

General

| | | |
|-------------------|--|--|
| Material Status | • Commercial: Active | |
| Availability | • Europe | • North America |
| Features | • Chemical Resistant • Good Flow • Good Mold Release • High Heat Resistance | • Low Compression Set • Medium–low Viscosity • Terpolymer |
| Uses | • Belts/Belt Repair • Blending • Diaphragms • Gaskets • Hose | • Low Temperature Applications • Profiles • Seals • Sheet |
| Appearance | • Translucent | |
| Forms | • Slab | |
| Processing Method | • Calendering • Compounding • Compression Molding | • Extrusion • Injection Molding • Transfer Molding |

Physical

| | Typical Value | Unit |
|--|---------------|------|
| Mooney Viscosity ¹ (ML 1+10, 121°C) | 34 | MU |
| Fluorine Content ¹ | 66 | % |

Notes

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

¹ Raw polymer

