

## Tecnoflon® T 636

### fluoroelastomer

TECNOFOLON® 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 TECNOFOLON® 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.](#)

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### General

|                   |  |  |
|-------------------|--|--|
| Material Status   | • Commercial: Active   |  |
| Availability      | • Europe   | • North America  |
| Features          | <ul style="list-style-type: none"> <li>• Chemical Resistant</li> <li>• Good Flow</li> <li>• Good Mold Release</li> <li>• High Heat Resistance</li> </ul> | <ul style="list-style-type: none"> <li>• Low Compression Set</li> <li>• Medium-low Viscosity</li> <li>• Terpolymer</li> </ul>          |
| Uses              | <ul style="list-style-type: none"> <li>• Belts/Belt Repair</li> <li>• Blending</li> <li>• Diaphragms</li> <li>• Gaskets</li> <li>• Hose</li> </ul>       | <ul style="list-style-type: none"> <li>• Low Temperature Applications</li> <li>• Profiles</li> <li>• Seals</li> <li>• Sheet</li> </ul> |
| Appearance        | • Translucent  |  |
| Forms             | • Slab   |  |
| Processing Method | <ul style="list-style-type: none"> <li>• Calendering</li> <li>• Compounding</li> <li>• Compression Molding</li> </ul>                                    | <ul style="list-style-type: none"> <li>• Extrusion</li> <li>• Injection Molding</li> <li>• Resin Transfer Molding</li> </ul>           |

### Physical

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

### Notes

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

<sup>1</sup> Raw polymer

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