

Tecnoflon® T 636/L fluoroelastomer

TECNOFLON® T 636/L is a low viscosity fluoroelastomer terpolymer designed to provide improved low temperature characteristics. Tecnoflon® T 636/L 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/L is a lower viscosity version of Tecnoflon® T 636: please refer to Tecnoflon® T 636 Technical data sheet for data on chemical resistance: Tecnoflon® T 636/L exhibits the same excellent heat and chemical resistance expected from Tecnoflon® copolymers.

Some of the basic properties of TECNOFLON® T 636/L 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/L 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/L 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.

Tecnoflon® T 636/L

fluoroelastomer

General

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

Physical

	Typical Value	Unit
Mooney Viscosity ¹ (ML 1+10, 121°C)	22	MU
Fluorine Content ¹	66	%

Notes

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

¹ Raw polymer