Tecnoflon® L 636
fluoroelastomer

TECNOFLON® L 636 is a medium-low viscosity fluoroelastomer terpolymer with 66% fluorine content, designed to provide improved low temperature characteristics. Tecnoflon® L 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® L 636 is especially suited for injection moulding of O-rings and sealing components which must meet demanding specifications. Tecnoflon® L 636 exhibits the same excellent heat and chemical resistance expected from Tecnoflon® copolymers.

Some of the basic properties of TECNOFLON® L 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® L 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® L 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.

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)	35	MU
Fluorine Content [1]	66	%

Notes

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

[1] Raw polymer

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