

Tecnoflon® L 636

Fluoroelastomer
Solvay Specialty Polymers

Message:

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 Information	
Features	Good Chemical Resistance
	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
Appearance	Sheet
Appearance	Translucent
Forms	Slab
Processing Method	Calendering
	Compounding
	Compression Molding

Extrusion
Injection Molding
Resin Transfer Molding

Physical	Nominal Value	Unit
Mooney Viscosity ¹ (ML 1+10, 121°C)	35	MU
Fluorine Content ²	66	%

NOTE

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| 1. | Raw polymer |
| 2. | Raw polymer |

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