

# Tecnoflon® PL 958

Fluoroelastomer  
Solvay Specialty Polymers

## Message:

TECNOFLON® PL 958 is a new generation low post cure peroxide curable fluoroelastomer. Tecnoflon® PL 958 exhibits both excellent low temperature flexibility (TR10 = -24°C) and an outstanding resistance to a variety of chemicals. As all other Tecnoflon® peroxide curable grades, it exhibits excellent processability; moreover it needs very short post-curing cycles. Tecnoflon® PL 958 is a higher viscosity version of Tecnoflon® PL 458: please refer to Tecnoflon® PL 458 Technical data sheet for data on chemical resistance.

Some of the basic properties of TECNOFLON® PL 958 are:

- Excellent low temperature flexibility
- Low volume swell in methanol-based fuels
- Low post cure
- Superior mould flow
- Lack of mould fouling
- Excellent mould release

Tecnoflon® PL 958 can be used for compression, injection-compression and transfer molding of O-rings, gaskets and seals. Tecnoflon® PL 958 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 may be produced by a variety of rubber processing methods.

General Information	
Features	Fast Cure
	Good Chemical Resistance
	Good Flow
	Good Mold Release
	Good Processability
	High Viscosity
	Low Temperature Flexibility
Uses	Belts/Belt Repair
	Blending
	Gaskets
	Hose
	Low Temperature Applications
	Profiles
	Seals
	Sheet
Appearance	Translucent
Forms	Slab
Processing Method	Calendering
	Compounding
	Compression Molding
	Extrusion
	Injection Molding

Physical	Nominal Value	Unit
Mooney Viscosity <sup>1</sup> (ML 1+10, 121°C)	53	MU
Fluorine Content <sup>2</sup>	66	%
NOTE		
1.	Raw polymer	
2.	Raw polymer	

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#### Recommended distributors for this material

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