Tecnoflon® PL 958

fluoroelastomer

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.

Click here for full datasheet.

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General		
Material Status	• Commercial: Active	
Availability	• Europe	• North America
Features	• Chemical Resistant • Fast Cure • 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 • Resin Transfer Molding

Physical	Typical Value	Unit
Mooney Viscosity [1] (ML 1+10, 121°C)	53	MU
Fluorine Content [1]	66	%

Notes

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

[1] Raw polymer

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