

Tecnoflon® VPL 85730 / VPL 45730

Fluoroelastomer
Solvay Specialty Polymers

Message:

Tecnoflon® VPL 85730 and VPL 45730 are a brand new generation of very low temperature peroxide curable fluoroelastomer with outstanding low temperature flexibility (TR10 = -30°C). Furthermore, they show an improved chemical resistance if compared to Tecnoflon® PL grades with similar TR10. Like all other Tecnoflon® peroxide curable grades, they exhibit excellent processability; moreover they need very short post-curing cycles. Some of the basic properties of Tecnoflon® VPL 85730 and VPL 45730 are:

- Outstanding low temperature flexibility
- Excellent chemical resistance
- Low post cure
- Superior mold flow
- Lack of mold fouling
- Excellent mold release

Tecnoflon® VPL 85730 and VPL 45730 can be used for compression, injection, injection-compression and transfer molding of Orings, gaskets and seals. Tecnoflon® VPL 85730 and VPL 45730 can be combined with the cure system and other typical fluoroelastomer compounding ingredients. Mixing can be accomplished with two-roll mills or internal mixers. These materials 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
	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	Nominal Value	Unit
Mooney Viscosity		
ML 1+10, 121°C ¹	45	MU
ML 1+10, 121°C ²	25	MU
Fluorine Content ³	67	%
NOTE		
1.	Raw polymer: VPL 85730	
2.	Raw polymer: VPL 45730	
3.	Raw polymer	

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Recommended distributors for this material

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