

Tecnoflon® VPL 45535

Fluoroelastomer
Solvay Specialty Polymers

Message:

Tecnoflon® VPL 45535 is a brand new generation very low temperature peroxide curable fluoroelastomer with outstanding low temperature flexibility (TR10 = -35°C). Like all other Tecnoflon® peroxide curable grades, it exhibits excellent processability; moreover it needs very short post-curing cycles. Some of the basic properties of Tecnoflon® VPL 45535 are:

- Outstanding low temperature flexibility
- Excellent chemical resistance, especially in alcohol containing fuels
- Low post cure
- Superior mold flow
- Lack of mold fouling
- Excellent mold release

Tecnoflon® VPL 45535 can be used for compression, injection, injection-compression and transfer molding of O-rings, gaskets and seals. Tecnoflon® VPL 45535 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	Alcohol Resistant
	Fuel Resistant
	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
Appearance	Sheet
Forms	Translucent
Processing Method	Slab
	Calendering
	Compounding
	Compression Molding
	Extrusion
	Injection Molding

Physical	Nominal Value	Unit
Mooney Viscosity ¹ (ML 1+10, 121°C)	25	MU
Fluorine Content ²	65	%
NOTE		
1.	Raw polymer	
2.	Raw polymer	

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Recommended distributors for this material

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