

Tecnoflon® PL 557

Fluoroelastomer
Solvay Specialty Polymers

Message:

TECNOFロン® PL 557 is a new generation low temperature peroxide curable fluoroelastomer with 65.5% wt fluorine content. Tecnoflon® PL 557 exhibits excellent low temperature flexibility (TR10 = -29°C), close to Tecnoflon® PL 455, but with improved chemical resistance and permeability. 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 TECNOFロン® PL 557 are:

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

Tecnoflon® PL 557 can be used for injection, injection-compression and transfer molding of O-rings, gaskets and seals. This material can be extruded into hoses or profiles and can be calendered to make sheet stocks or belting. Tecnoflon® PL 557 can be combined with the cure system and other typical fluoroelastomer compounding ingredients. Mixing can be accomplished with two-roll mills or internal mixers.

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 ¹ (ML 1+10, 121°C)	35	MU
Fluorine Content ²	66	%
NOTE		
1.	Raw polymer	
2.	Raw polymer	

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Recommended distributors for this material

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