

Tecnoflon® BR 9151

Fluoroelastomer
Solvay Specialty Polymers

Message:

Tecnoflon® BR 9151 is a new medium viscosity peroxide curable fluoroelastomer with a unique structure, patented by Solvay, that affords excellent resistance to aggressive oils, amine containing fluids, bases, and steam. Tecnoflon® BR 9151 exhibits superior resistance to a wide variety of chemicals (such as aggressive oils, amine containing fluids, bases and steam), coupled with excellent processability. Tecnoflon® BR 9151 can be cross-linked using organic peroxides in conjunction with a co-agent.

Some of the basic properties of Tecnoflon® BR 9151 are:

Excellent chemical resistance to:

- Bases
- ATF fluids
- Steam
- Fluids containing amine additives
- High PH packages
- Good mechanical properties
- Superior mold flow
- Lack of mold fouling
- Excellent mold release

Tecnoflon® BR 9151 can be used for compression, injection and transfer molding of shaft seals, valve seals, O-rings, gaskets or any item requiring superior chemical resistance.

Tecnoflon® BR 9151 can be combined with the cure system and other typical fluoroelastomer compounding ingredients.

Mixing can be accomplished with two-roll mills or internal mixers.

Finished goods may be produced by a variety of rubber processing methods. This material can be extruded into hoses or profiles and can be calendered to make sheet stocks or belting.

General Information	
Features	Base Resistant
	Crosslinkable
	Good Chemical Resistance
	Good Flow
	Good Mold Release
	Good Processability
	Medium Viscosity
	Oil Resistant
	Steam Resistant
Uses	Belts/Belt Repair
	Blending
	Gaskets
	Hose
	Profiles
	Seals
	Sheet
	Valves/Valve Parts
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)	40	MU
Fluorine Content ²	65	%

NOTE		
1.	Raw polymer	
2.	Raw polymer	

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