Tecnoflon® FOR 210

fluoroelastomer

TECNOFLON® FOR 210 is a very low viscosity cure incorporated fluoroelastomer copolymer. Tecnoflon® FOR 210 is mainly intended for blending with other polymers of the Tecnoflon® family to achieve the desired viscosity. Tecnoflon® FOR 210 was developed with a new curing system that improves the physical properties of the finished product. Processing characteristics such as flow and scorch safety are also enhanced. Tecnoflon® FOR 210 is well suited for applications were superior flow, mold release and excellent compression set are required.

Some of the basic properties of Tecnoflon® FOR 210 are:

- Excellent scorch safety
- Superior mold flow
- Very good mold release
- Lack of mold fouling
- Low compression set
- Good extrusion behaviour

Tecnoflon® FOR 210 can be used for injection and transfer moulding of O-rings, gaskets, and seals. The product can be mixed using typical fluoroelastomers compounding ingredients and mixing can be accomplished with two-roll mills or internal mixers.

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

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General		
Material Status	• Commercial: Active	
Availability	• Europe	• North America
Features	• Copolymer • Good Flow • Good Mold Release	• Low Compression Set • Low Viscosity
Uses	• Belts/Belt Repair • Blending • Gaskets • Hose	• Profiles • Seals • Sheet
Appearance	• Off-White	
Forms	• Slab	
Processing Method	• Calendering • Compounding • Extrusion	• Injection Molding • Resin Transfer Molding

Physical	Typical Value	Unit
Mooney Viscosity [1] (ML 1+10, 121°C)	9	MU
Fluorine Content [1]	66	%

Notes

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

[1] Raw polymer