

Tecnoflon® FOR 5351/U

fluoroelastomer

TECNOFLON® FOR 5351/U is a low viscosity cure incorporated fluoroelastomer copolymer. This grade has excellent flow and good compression set. Tecnoflon® FOR 5351/U can be used for molded items with complicated shapes which require a very good hot tear resistance for part removal.

Some of the basic properties of Tecnoflon® FOR 5351/U are:

- Very fast cure rate
- Very good scorch safety
- Superior mold flow
- Excellent mold release
- Lack of mold fouling

- Low compression set
- High elongation
- Excellent hot tear strength

TECNOFLON® FOR 5351/U can be used for injection and transfer moulding of 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.

General

Material Status	• Commercial: Active		
Availability	• Europe	• North America	
Features	• Copolymer • Fast Cure • Good Flow	• Good Mold Release • Good Tear Strength • High Elongation	• 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	Test method
Mooney Viscosity ¹ (ML 1+10, 121°C)	24	MU	No Standard
Fluorine Content ¹	66	%	No Standard

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Notes

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

¹ Raw polymer

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