

Tecnoflon® FOR 4353

fluoroelastomer

TECNOFLON® FOR 4353 is a low viscosity cure incorporated fluoroelastomer copolymer. Tecnoflon® FOR 4353 is well suited for applications where excellent compression set and superior mold release are required.

Some of the properties of Tecnoflon® FOR 4353 are:

- Excellent scorch safety
- Very Good mold flow
- Excellent mold release
- Lack of mold fouling
- FDA compliant

TECNOFLON® FOR 4353 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.

TECNOFLON® FOR 4353 can be compounded using recommended fillers in compliance with FDA regulations (see 21 CFR 177.2600, section V).

General

Material Status	• Commercial: Active		
Availability	• Europe	• North America	
Features	• Copolymer	• Good Flow	• Low Compression Set
	• Food Contact Acceptable	• Good Mold Release	• Low Viscosity
Uses	• Belts/Belt Repair	• Hose	• Sheet
	• Blending	• Profiles	
	• Gaskets	• Seals	
Agency Ratings	• FDA 21 CFR 177.2600		
Appearance	• Off-White		
Forms	• Slab		
Processing Method	• Calendering	• Extrusion	• Resin Transfer Molding
	• Compounding	• Injection Molding	

Physical

	Typical Value	Unit	Test method
Mooney Viscosity ¹ (ML 1+10, 121°C)	20	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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