

Tecnoflon® NH

fluoroelastomer

TECNOFLON® NH is a high viscosity fluoroelastomer copolymer. Tecnoflon® NH is intended as a general purpose fluoroelastomer. It can be blended with other polymers of the Tecnoflon® family to meet specific requirements.

Tecnoflon® NH does not contain curatives: therefore the proper levels of Tecnoflon® FOR M1 and Tecnoflon® FOR M2 must be added to achieve the required properties. It can be also cured with diamine based systems such as Tecnoflon® Tecnocin A and Tecnoflon® Tecnocin B.

Some of the unique properties of TECNOFLON® NH are:

- Excellent compression set
- Lack of mould fouling
- Excellent mould release

TECNOFLON® NH can be used for compression moulding of O-rings, seals, gaskets and other items. The product can be mixed using typical fluoroelastomers compounding ingredients and mixing can be accomplished with two-roll mills or internal mixers.

Finished goods can be produced by a variety of rubber processing methods.

General

Material Status	• Commercial: Active		
Availability	• Europe	• North America	
Features	• Copolymer • General Purpose	• Good Mold Release • High Viscosity	• Low Compression Set
Uses	• Blending • Gaskets	• General Purpose • Seals	
Appearance	• Translucent		
Forms	• Slab		
Processing Method	• Compounding	• Compression Molding	

Physical

	Typical Value	Unit	Test method
Mooney Viscosity ¹ (ML 1+10, 121°C)	27	MU	No Standard
Fluorine Content ¹	66	%	No Standard

Notes

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

¹ Raw polymer