Tecnoflon® N 215

fluoroelastomer

Tecnoflon® N 215 is a very low viscosity fluoroelastomer copolymer. Tecnoflon® N 215 is intended for blending with other polymers of the Tecnoflon® family to achieve the desired viscosity. It is also intended for high concentration solution applications, such as dip coated items, fabric coatings and spray coating. Tecnoflon® N 215 can be mixed in the same way as all the other Tecnoflon® grades and can be used in any application requiring either very low compound viscosity or "low viscosity", highly loaded high hardness compounds. Tecnoflon® N 215 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® N 215 are:

- Solution applications
  - Excellent pot life
  - Very low Brookfield viscosity
  - Excellent adhesion to substrates
- Dry applications
  - Superior mould flow
  - Low compound viscosity
  - Good compression set

Tecnoflon® N 215 can be mixed using typical fluoroelastomers compounding ingredients and mixing can be accomplished with two-roll mills or internal mixers.

Compounds based on Tecnoflon® N 215 can be dispersed in solvents for coating applications. Finished goods can be produced by a variety of rubber processing methods.

General			
Material Status	• Commercial: Active		
Availability	• Europe	• North America	
Features	• Copolymer • Good Adhesion	• Good Flow • Low Compression Set	• Low Viscosity
Uses	• Blending • Coating Applications	• Compounding • Fabric Coatings	
Appearance	• Translucent		
Forms	• Slab		
Processing Method	• Coating • Compounding	• Dip Coating • Spraying	

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

www.solvay.com

SpecialtyPolymers.EMEA@solvay.com | Europe, Middle East and Africa
SpecialtyPolymers.Americas@solvay.com | Americas
SpecialtyPolymers.Asia@solvay.com | Asia and Australia

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