

3M™ Dyneon™ Fluoroelastomer FT 2481

Fluoroelastomer

3M Advanced Materials Division

Message:

3M™ Dyneon™ Fluoroelastomer FT 2481 is a terpolymer made from hexafluoropropylene, vinylidene fluoride and tetrafluoroethylene. It is a raw gum without curatives.

Special Features

Composition: terpolymer of vinylidene fluoride, hexafluoropropylene and tetrafluoroethylene

Process targets: compression moulding

Amine and bisphenol curable

High viscosity gum stock without incorporated curatives

Improved resistance to organic solvents compared to dipolymers

General Information			
Features	Terpolymer		
	Viscosity, High		
Uses	O-rings		
Forms	Thick sheet		
Processing Method	Compression molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.86	g/cm ³	Internal method
Mooney Viscosity (ML 1+10, 121°C)	75	MU	Internal method
Fluorine Content	69	%	Internal method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	75		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (100% Strain)	5.50	MPa	ASTM D412A
Tensile Strength ²	15.2	MPa	ASTM D412A
Tensile Elongation ³ (Break)	220	%	ASTM D412A
Compression Set (200°C, 70 hr)	24	%	ASTM D1414
NOTE			
1.	D mould		
2.	Die D		
3.	D mould		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

