

## Chemours Viton® A-361C with Nyad 400 Fluoroelastomer Compound

Category : Polymer , Thermoset , Fluoropolymer, TS , Thermoset Fluoroelastomer , Rubber or Thermoset Elastomer (TSE)

### Material Notes:

Intermediate viscosity level (when compared with Viton® A-201C/Viton® A-401C) Fully precompounded with reduced curative level and incorporated metal adhesion promoter Improved processing with increased mold flow, easier mold release with less mold fouling, and improved demolding "hot tear" Good metal bonding with standard industrial primers Applications Compression, transfer, and injection molding of: O-rings and gaskets, Valve stem and crankshaft seals (and other bonded parts requiring fluid and heat resistance of the A-family of Viton®) Chemours was formed from former DuPont performance chemicals businesses, including the Viton product line, in 2015.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chemours-Viton-A-361C-with-Nyad-400-Fluoroelastomer-Compound.php](http://www.lookpolymers.com/polymer_Chemours-Viton-A-361C-with-Nyad-400-Fluoroelastomer-Compound.php)

Physical Properties	Metric	English	Comments
Mooney Viscosity	61	61	ML (1+10), Uncompounded Viton; ASTM D1646
	@Temperature 121 °C	@Temperature 250 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	66	66	No Postcure; ASTM D2240
	70	70	24 hours Postcure; ASTM D2240
Tensile Strength at Break	7.10 MPa	1030 psi	No Postcure; ASTM D412
	10.3 MPa	1490 psi	24 hours Postcure; ASTM D412
Elongation at Break	235 %	235 %	24 hours Postcure; ASTM D412
	312 %	312 %	No Postcure; ASTM D412
100% Modulus	0.00330 GPa	0.479 ksi	No Postcure; ASTM D412
	0.00540 GPa	0.783 ksi	24 hours Postcure; ASTM D412
Compression Set	7.0 %	7.0 %	O-Rings; ASTM D395B
	@Temperature 23.0 °C, Time 252000 sec	@Temperature 73.4 °F, Time 70.0 hour	
	16 %	16 %	
	@Temperature 200 °C, Time 252000 sec	@Temperature 392 °F, Time 70.0 hour	O-Rings; ASTM D395B
	35 %	35 %	O-Rings; ASTM D395B
@Temperature 232 °C, Time 252000 sec	@Temperature 450 °F, Time 70.0 hour		

Processing Properties	Metric	English	Comments
Processing Temperature	177 °C	351 °F	Slab Cure
	@Time 601 sec	@Time 0.167 hour	
	232 °C	450 °F	Postcure
	@Time 86400 sec	@Time 24.0 hour	

Descriptive Properties	Value	Comments
Formulation as Tested	100	A361C
	3	MgO
	30	Nyad 400
	6	Ca(OH)2

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China