

# Manner Flexible PVC V973 NAT601UV AF

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

Recommended Applications: Lead-free 90°C riser insulation/jacketing compound suitable for fiber optic cables with excellent low temperature properties. This compound contains a UV inhibitor and an antifungal additive. This product complies with the Euro

General Information			
Additive	Antimicrobial (Fungicide)		
	UV Stabilizer		
Features	Fungus Resistant		
	Heat Stabilized		
	Low (to None) Lead Content		
Uses	Cable Jacketing		
	Insulation		
	Wire & Cable Applications		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32 to 1.36	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	92 to 98		
Shore A, 15 sec	91 to 97		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup>	22.8	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	400	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air <sup>3</sup> (121°C, 168 hr)	-10	%	UL 1581
Change in Ultimate Elongation in Air <sup>4</sup> (121°C, 168 hr)	-9.0	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature <sup>5</sup>	-34.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	32	%	ASTM D2863
NOTE			
1.	.05 inch		
2.	.05 inches		

3.	Air Aged Retention
4.	Air Aged Retention
5.	F50

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

