

# Manner Flexible PVC V847

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

## Message:

Recommended Applications: Lead-free UL 105°C THHN/THWN/THWN-2 insulation compound. Manner V847 is UL QMTT2 recognized for THWN on all wire sizes and THWN-2 on 8AWG and larger wire sizes. This product complies with the European Union Restriction on Hazardous Substances (RoHS)directive.

General Information			
Features	Good Flexibility		
Agency Ratings	UL QMTT2		
	UL Type THHW		
	UL Type THW		
	UL Type THWN		
	UL Type TW		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29 to 1.33	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore C	77 to 83		
Shore C, 10 sec	65 to 71		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain, 0.762 mm)	17.2	MPa	ASTM D638
Tensile Strength (Yield, 0.762 mm)	25.9	MPa	ASTM D638
Tensile Elongation (Break, 0.762 mm)	280	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (136°C, 168 hr)	-4.0	%	UL Unspecified
Change in Ultimate Elongation in Air (136°C, 168 hr)	-5.0	%	UL Unspecified
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-15.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	29	%	ASTM D2863

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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



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