

# Manner Flexible PVC V849

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

## Message:

Recommended Applications: 60°C Lead-free Insulation Compound. V849 is recognized by UL under the QMTT2 program as TW with VW-1 , Oil Resistance I and 720 hour sunlight resistance ratings. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General Information			
Features	Good Flexibility		
	Oil Resistant		
	Sunlight Resistant (720 hours)		
Agency Ratings	UL QMTT2		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33 to 1.37	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	82 to 88		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	17.9	MPa	ASTM D638
Tensile Elongation (Break)	310	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (100°C, 168 hr)	0.0	%	UL 1581
Change in Ultimate Elongation in Air (100°C, 168 hr)	-10	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-26.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	26	%	ASTM D2863

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## Recommended distributors for this material

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