

# Manner Flexible PVC V836

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

## Message:

Whether you need a flexible PVC or semi-rigid PVC for your wire and cable application, Manner Plastics has a material to meet your needs. We offer insulation and jacketing compounds in all standard operating ranges. The newest addition to our wire & cable family of materials is a compound which UL recognized for THWN-2 applications.

Our materials are used in a variety of applications including appliance, automotive, building, utility, and telecommunications.

The table below shows some of our most popular compounds, but is not a comprehensive view of the Manner Plastics product portfolio. If you do not see a compound offering the performance your application requires, please contact us. We may already have a custom formulation that meets your needs.

All Manner Plastics materials are RoHS compliant. Following is a representative sampling of our wire and cable compounds.

General Information			
Features	Good Flexibility		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	80		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	19.2	MPa	ASTM D638
Tensile Elongation (Break)	470	%	ASTM D638
Aging	Nominal Value	Unit	
Change in Ultimate Elongation in Air (100°C, 168 hr)	-7.0	%	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-24.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863
Additional Information	Nominal Value	Unit	
Operating Temperature	80	°C	

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Recommended distributors for this material

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