

# Manner Flexible PVC V826

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

## Message:

Recommended Applications: Lead-free 105°C semi-rigid insulation compound for UL1061, CSA-SR and MIL-W-16878 style applications. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General Information			
Features	Good Flexibility		
	Semi Rigid		
Agency Ratings	MIL W-16878		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29 to 1.33	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore C)	88 to 94		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain, 0.762 mm)	19.2	MPa	ASTM D412
Tensile Strength (Yield, 0.762 mm)	24.4	MPa	ASTM D638
Tensile Elongation (Break, 0.762 mm)	240	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (58°C, 168 hr)	-9.0	%	UL 1581
Change in Ultimate Elongation in Air (136°C, 168 hr)	-7.0	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-5.00	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	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

