

Manner Flexible PVC V959 NAT601

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

Recommended Applications: Lead-free 90°C riser insulation/jacketing compound suitable for jackets where a high level of flame retardance and sunlight resistance is required. This compound contains a UV inhibitor for enhanced sunlight resistance. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General Information			
Additive	UV Stabilizer		
Features	Flame Retardant		
	Good UV Resistance		
	Low (to None) Lead Content		
Uses	Cable Jacketing		
	Wire & Cable Applications		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37 to 1.41	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	82 to 88		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	20.7	MPa	ASTM D638
Tensile Elongation ² (Break)	330	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ³ (121°C, 168 hr)	1.0	%	UL 1581
Change in Ultimate Elongation in Air ⁴ (121°C, 168 hr)	-2.0	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-38.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	30	%	ASTM D2863
NOTE			
1.	Unaged Dumbbells		
2.	Unaged Dumbbells		
3.	Air Aged Retention		
4.	Air Aged Retention		

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Recommended distributors for this material

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