

Manner Flexible PVC V972 NAT601

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

Recommended Applications: Non-Lead Heat Stabilized 125°C Automotive Extrusion Compound for use in battery cables; Designed to meet ISO 6722 -40° to 125°C. This compound is RoHS compliant.

General Information			
Additive	Heat Stabilizer		
Features	Heat Stabilized		
	Low (to None) Lead Content		
Uses	Automotive Applications		
	Wire & Cable Applications		
Agency Ratings	ISO 6722		
Appearance	Natural Color		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.27 to 1.31	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	82 to 88		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	19.3	MPa	ASTM D638
Tensile Elongation ² (Break)	300	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air ³ (150°C, 240 hr)	5.0	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-38.0	°C	ASTM D746
Thermal Stability	300		IEC 811-3-2
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	170 to 190	°C	
Cylinder Zone 3 Temp.	170 to 190	°C	
Cylinder Zone 5 Temp.	170 to 190	°C	
NOTE			
1.	Unaged Dumbbells: .03 inch		
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3.	Air Retention: .03 inch		

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Recommended distributors for this material

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