

S&E; Wire & Cable GF-91-102-2

Polyvinyl Chloride
S&E; Specialty Polymers, LLC

Message:

Non-migratory, non-contaminating, jacketing material designed to meet the requirements of Mil-C-17G Type 2a. This material has an operating temperature of 85° C to -45° C as per Mil-C-17G type 2a specification.

General Information			
Features	Clean/High Purity		
	Low to No Migration		
Uses	Wire & Cable Applications		
	Wire Jacketing		
Agency Ratings	MIL C-17 G Type 2a		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20 to 1.26	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	73		
Shore A, 3 sec	62 to 68		
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	11.4	MPa	ASTM D412
Tensile Elongation (Break)	410	%	ASTM D412
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (113°C, 168 hr)	5.0	%	UL Unspecified
Change in Ultimate Elongation in Air (113°C, 168 hr)	-15	%	UL Unspecified
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-45.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	26	%	ASTM D2863
Additional Information	Nominal Value	Unit	
Operating Temperature	-45 to 85	°C	

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Recommended distributors for this material

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