

S&E; Wire & Cable GA-1046CTLF

Semi-Rigid Polyvinyl Chloride

S&E; Specialty Polymers, LLC

Message:

Lead free 105° C tri-rated semi-rigid insulation compound suitable for UL style 1061, CSA-SR-PVC, MIL-I-16878.

General Information			
Features	Low (to None) Lead Content		
	Semi Rigid		
Uses	Wire & Cable Applications		
Agency Ratings	CSA SR-PVC		
	MIL I-16878		
	UL 1061		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29 to 1.35	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	67 to 73		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	20.0	MPa	ASTM D412
Tensile Strength (Yield)	26.5	MPa	ASTM D412
Tensile Elongation (Break)	320	%	ASTM D412
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (136°C, 168 hr)	7.0	%	UL 1581
Change in Ultimate Elongation in Air (136°C, 168 hr)	-11	%	UL 1581
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.8E+14	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	29	%	ASTM D2863

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