

S&E; Wire & Cable GA-1941-AFRO

Polyvinyl Chloride
S&E; Specialty Polymers, LLC

Message:
105° C PVC insulating compound designed for SJEOO applications.

General Information			
Uses	Wire & Cable Applications		
Wire Types	SJEO		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24 to 1.30	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	84		
Shore A, 3 sec	72 to 78		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	9.65	MPa	ASTM D412
Tensile Strength (Yield)	18.3	MPa	ASTM D412
Tensile Elongation (Break)	350	%	ASTM D412
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (136°C, 168 hr)	-14	%	UL Unspecified
Change in Ultimate Elongation in Air (136°C, 168 hr)	-5.0	%	UL Unspecified
Change in Tensile Strength (60°C, 168 hr, in Oil)	-15	%	UL Unspecified
Change in Ultimate Elongation (60°C, 168 hr, in Oil)	-6.0	%	UL Unspecified
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	27	%	ASTM D2863

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