

S&E; Wire & Cable GA-509ORLT All Colors

Polyvinyl Chloride
S&E; Specialty Polymers, LLC

Message:
Lead free, flame retardant UV and oil resistant PVC jacketing compound with superior low temperature properties.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good UV Resistance		
	Low (to None) Lead Content		
	Low Temperature Resistant		
	Oil Resistant		
Uses	Wire & Cable Applications		
Appearance	Colors Available		
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
	80		
Durometer Hardness (Shore A)	71		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	13.1	MPa	ASTM D412
Tensile Elongation (Break)	330	%	ASTM D412
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (136°C, 168 hr)	19	%	UL Unspecified
Change in Ultimate Elongation in Air (136°C, 168 hr)	-15	%	UL Unspecified
Change in Tensile Strength (100°C, 96 hr, in ASTM #2 Oil)	22	%	ASTM D471
Change in Ultimate Elongation (100°C, 96 hr, in ASTM #2 Oil)	-34	%	ASTM D471
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-34.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	29	%	ASTM D2863

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