

# S&E; Wire & Cable GA-1057H1-VW1LF

Polyvinyl Chloride  
S&E; Specialty Polymers, LLC

Message:  
Lead free 105° C, flat ribbon cable insulation.

General Information			
Features	Low (to None) Lead Content		
Uses	Wire & Cable Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40 to 1.44	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	97		
Shore A, 3 sec	89 to 95		
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	17.2	MPa	ASTM D412
Tensile Elongation (Break)	250	%	ASTM D412
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (136°C, 168 hr)	4.0	%	UL Unspecified
Change in Ultimate Elongation in Air (136°C, 168 hr)	-11	%	UL Unspecified
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	6.1E+13	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863

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