

S&E; Wire & Cable GA-1042LF

Polyvinyl Chloride

S&E; Specialty Polymers, LLC

Message:

UL bulletinized PVC based compound, suitable for injection molding application.

General Information			
Uses	Wire & Cable Applications		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32 to 1.38	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness	ASTM D2240		
Shore A	94		
Shore A, 3 sec	87 to 93		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	11.7	MPa	ASTM D412
Tensile Strength (Yield)	18.3	MPa	ASTM D412
Tensile Elongation (Break)	310	%	ASTM D412
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (136°C, 168 hr)	10	%	UL Unspecified
Change in Ultimate Elongation in Air (136°C, 168 hr)	-19	%	UL Unspecified
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-18.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	26	%	ASTM D2863

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