

S&E; Wire & Cable GA-509OR

Polyvinyl Chloride
S&E; Specialty Polymers, LLC

Message:
FR, UV and oil resistant PVC based compound with good low temperature properties.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good UV Resistance		
	Low Temperature Resistant		
	Oil Resistant		
Uses	Wire & Cable Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26 to 1.32	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
	83		
Durometer Hardness (Shore A)	77		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	14.1	MPa	ASTM D412
Tensile Elongation (Break)	380	%	ASTM D412
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (136°C, 168 hr)	1.0	%	UL Unspecified
Change in Ultimate Elongation in Air (136°C, 168 hr)	-20	%	UL Unspecified
Change in Tensile Strength (100°C, 96 hr, in ASTM #2 Oil)	18	%	ASTM D471
Change in Ultimate Elongation (100°C, 96 hr, in ASTM #2 Oil)	-35	%	UL Unspecified
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-24.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT