

S&E; Wire & Cable FS-1000K

Polyvinyl Chloride
S&E; Specialty Polymers, LLC

Message:
High Grade, RoHS compliant, lead-free, low smoke generating, highly flame retardant jacketing compound designed for Plenum cable application. Compound exhibits excellent processability and electrical properties.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Electrical Properties		
	Good Processability		
	Low (to None) Lead Content		
	Low Smoke Emission		
Uses	Plenum Cable Jacketing		
	Wire & Cable Applications		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.56 to 1.62	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	65 to 71		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 17.2	MPa	ASTM D412
Tensile Elongation (Break)	> 150	%	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Cold Bend	-20	°C	UL 1581
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant (23°C, 1 MHz)	3.72		ASTM D150
Dissipation Factor (23°C, 1 MHz)	0.029		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	53 to 55	%	ASTM D2863

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