

Sylvin 5143-88 Natural

Polyvinyl Chloride
Sylvin Technologies Incorporated

Message:

Sylvin 5143-88 Natural Is A RoHS Compliant Vinyl Compound Formulated For Wire Insulating And Outdoor Jacketing Applications. This Compound Has A Underwriters Laboratories Approval For TW Type Wire And 720 Hour Sunlight Resistance.

General Information			
Features	Sunlight Resistant (720 hours)		
Uses	Cable Jacketing		
	Wire & Cable Applications		
Wire Types	TW		
Agency Ratings	UL VW-1		
RoHS Compliance	RoHS Compliant		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	88		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	14.5	MPa	ASTM D638
Tensile Elongation (Break)	320	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	75.0	°C	ASTM D794
Brittleness Temperature	-24.0	°C	ASTM D746
Melting Temperature	171 to 182	°C	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	27	%	ASTM D2863

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