

Sylvin 6177-80 Natural

Polyvinyl Chloride
Sylvin Technologies Incorporated

Message:

Sylvin 6177-80 Natural Is A Vinyl Compound For Outdoor Cable Jacketing Applications. This Compound Has A UL Approval For 720 Hour Sunlight Resistance. It Meets The Requirements Of UL 94 V0 At 1 Mm But Is Not Listed Or Has Been Tested By UL.

General Information			
Features	Sunlight Resistant (720 hours)		
Uses	Outdoor Applications		
	Wire & Cable Applications		
Wire Types	VW-1		
RoHS Compliance	RoHS Compliant		
Appearance	Natural Color		
Processing Method	Wire & Cable Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	13.8	MPa	ASTM D638
Tensile Elongation (Break)	360	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	60.0	°C	ASTM D794
Brittleness Temperature	-32.0	°C	ASTM D746
Melting Temperature	166 to 177	°C	
Flammability	Nominal Value	Unit	Test Method
Flame Rating (25.4 mm)	V-0		Internal Method
Oxygen Index	25	%	ASTM D2863

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