

# Sylvin 5170-85 Natural

Flexible Polyvinyl Chloride

Sylvin Technologies Incorporated

Message:

Sylvin 5170-85 Natural Is A RoHS Compliant, Vinyl Compound Formulated For Wire And Cable Applications. This Compound Has A UL Approval For TW, THW, THHW And 720 Hour Sunlight Resistance, And CSA Approved For Flexible Cord Insulation.

General Information			
Features	Good Flexibility		
	Sunlight Resistant (720 hours)		
Uses	Wire & Cable Applications		
Wire Types	THHW		
	THW		
	TW		
Agency Ratings	CSA Unspecified Rating		
	UL Unspecified Rating		
	UL VW-1		
RoHS Compliance	RoHS Compliant		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	17.9	MPa	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	105	°C	ASTM D794
Brittleness Temperature	-24.0	°C	ASTM D746
Melting Temperature	168 to 179	°C	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	27	%	ASTM D2863

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