

# Sylvin 5170-85 White 1399

Polyvinyl Chloride  
Sylvin Technologies Incorporated

Message:

Sylvin 5170-85 White 1399 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			
Uses	Wire and cable applications		
Wire Types	THHW		
	THW		
	TW		
Agency Ratings	CSA not rated		
RoHS Compliance	RoHS compliance		
Appearance	White		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A	85		ASTM D2240
Shaw A, 10 seconds	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	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 - 179	°C	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	27	%	ASTM D2863
Flammability	VW-1		UL 1581

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