

# Sylvin 5218-92 Natural

Polyvinyl Chloride  
Sylvin Technologies Incorporated

Message:  
Sylvin 5218-92 Natural Is A Vinyl Compound Formulated For Wire Insulation Applications That Require Improved Flammabilty And Electrical Properties.

General Information			
Features	Good electrical performance		
	Flame retardancy		
Uses	Wire and cable applications		
	Insulating material		
Appearance	Natural color		
Processing Method	Extrusion		
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			ASTM D2240
Shaw A	92		ASTM D2240
Shaw A, 10 seconds	92		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	19.3	MPa	ASTM D638
Tensile Elongation (Break)	380	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	101	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	105	°C	ASTM D794
Brittleness Temperature	-13.0	°C	ASTM D746
Melting Temperature	171 - 182	°C	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	30	%	ASTM D2863
Flammability	VW-1		UL 1581

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