

# Sylvin 5212-85 Natural

Polyvinyl Chloride  
Sylvin Technologies Incorporated

Message:

Sylvin 5212-85 Natural Is A Vinyl Compound Formulated For Wire Insulating Or Jacketing Applications That Require Lower Smoke Generation.

General Information			
Features	Low smoke		
Uses	Cable sheath		
	Wire and cable applications		
	Insulating material		
Appearance	Natural color		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	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)	14.5	MPa	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	70.1	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	90.0	°C	ASTM D794
Melting Temperature	168 - 179	°C	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	32	%	ASTM D2863

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