

# Sylvin 6231-90 Orange 5112

Polyvinyl Chloride  
Sylvin Technologies Incorporated

Message:  
Sylvin 6231-90 Orange 5112 Is A Vinyl Compound Formulated For Jacketing Applications That Require Superior Flammability And Chemical Resistance.

General Information			
Features	Good chemical resistance		
	Flame retardancy		
Uses	Cable sheath		
	Wire and cable applications		
Appearance	Orange		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A	90		ASTM D2240
Shaw A, 10 seconds	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	20.7	MPa	ASTM D638
Tensile Elongation (Break)	330	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	105	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	105	°C	ASTM D794
Brittleness Temperature	-10.0	°C	ASTM D746
Melting Temperature	177 - 188	°C	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	32	%	ASTM D2863

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