

# Sylvin 6197-85FR Natural

Polyvinyl Chloride  
Sylvin Technologies Incorporated

Message:  
Sylvin 6197-85FR Natural Is A Flame Retardant Vinyl Compound Formulated For Cable Jacketing Applications.

General Information			
Additive	Flame retardancy		
Features	Flame retardancy		
Uses	Cable sheath		
	Wire and cable applications		
Appearance	Natural color		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.44	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)	15.5	MPa	ASTM D638
Tensile Elongation (Break)	310	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	80.0	°C	ASTM D794
Brittleness Temperature	-20.0	°C	ASTM D746
Melting Temperature	168 - 179	°C	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863

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