

# Sylvin 6246-85 Black

Polyvinyl Chloride  
Sylvin Technologies Incorporated

Message:  
Sylvin 6246-85 Black Is A Flame Retarded Vinyl Compound Formulated For Yarn Coating Applications.

General Information			
Additive	Flame retardancy		
Features	Flame retardancy		
Uses	Wire and cable applications		
	Coating application		
Appearance	Black		
Processing Method	Extrusion		
	Extrusion coating		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	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)	15.9	MPa	ASTM D638
Tensile Elongation (Break)	330	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	83.2	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	174 - 185	°C	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	30	%	ASTM D2863

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