

# Sylvin 9812-80C Black

Polyvinyl Chloride  
Sylvin Technologies Incorporated

Message:  
Sylvin 9812-80C Black Is A Vinyl Compound Formulated For General Purpose Electrical Molding Applications That Require Better Flammability Resistance. This Compound Is RoHS Compliant And Has A U. L. Listing As A Recognized Component.

General Information			
Features	General		
Uses	Electrical/Electronic Applications		
	General		
RoHS Compliance	RoHS compliance		
Appearance	Black		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw C	80		ASTM D2240
Shaw C, 10 seconds	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	15.2	MPa	ASTM D638
Tensile Elongation (Break)	190	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	91.9	kN/m	ASTM D624
Thermal	Nominal Value	Unit	
Melting Temperature	177 - 191	°C	
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-2		UL 94
Oxygen Index	32	%	ASTM D2863

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