

# Sylvin 7844-85 Black

Polyvinyl Chloride  
Sylvin Technologies Incorporated

Message:  
Sylvin 7844-85 Black Is A Non Ortho Phthalate Plasticized Vinyl Compound Formulated For Injection Molding Applications Such As Power Supply Plugs And Strain Reliefs. This Compound Has A Underwriters Laboratories Listing As A Recognized Component.

General Information			
UL YellowCard	E86418-101988278		
Additive	Plasticizer		
Features	Plasticized		
Uses	Plug		
	Electrical/Electronic Applications		
	Fatigue elimination supplies		
Appearance	Black		
Processing Method	Injection molding		
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)	13.1	MPa	ASTM D638
Tensile Elongation (Break)	280	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	61.3	kN/m	ASTM D624
Thermal	Nominal Value	Unit	
Melting Temperature	168 - 179	°C	
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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