

# Sylvin 7833-85 Blue 8446

Polyvinyl Chloride  
Sylvin Technologies Incorporated

Message:  
Sylvin 7833-85 Blue 8446 Is A Vinyl Compound Formulated For Electrical Molding Applications. This Compound Is UL 94-HB Listed.

General Information			
UL YellowCard	E86418-252037		
Uses	Electrical/Electronic Applications		
Appearance	Blue		
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)	8.62	MPa	ASTM D638
Tensile Elongation (Break)	190	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	43.8	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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Recommended distributors for this material

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