

# Sylvin 6416-70 Blue 8438

Polyvinyl Chloride  
Sylvin Technologies Incorporated

Message:  
Sylvin 6416-70 Blue 8438 Is A RoHS Compliant Thermoplastic Compound Formulated For Use As A Jacket On Portable Power Cables.

General Information			
Uses	Cable sheath		
	Wire and cable applications		
RoHS Compliance	RoHS compliance		
Appearance	Blue		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A	70		ASTM D2240
Shaw A, 10 seconds	70		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	13.8	MPa	ASTM D638
Tensile Elongation (Break)	400	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	105	°C	ASTM D794
Brittleness Temperature	-37.0	°C	ASTM D746
Melting Temperature	166 - 177	°C	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	30	%	ASTM D2863

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