

# Sylvin 5143-88 Black 296

Polyvinyl Chloride  
Sylvin Technologies Incorporated

Message:  
Sylvin 5143-88 Black 296 Is A RoHS Compliant Vinyl Compound Formulated For Wire Insulating And Outdoor Jacketing Applications. This Compound Has A Underwriters Laboratories Approval For TW Type Wire And 720 Hour Sunlight Resistance.

General Information			
Uses	Cable sheath		
	Wire and cable applications		
	Insulating material		
	Outdoor application		
Wire Types	TW		
RoHS Compliance	RoHS compliance		
Appearance	Black		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A	88		ASTM D2240
Shaw A, 10 seconds	88		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	14.5	MPa	ASTM D638
Tensile Elongation (Break)	320	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	75.0	°C	ASTM D794
Brittleness Temperature	-24.0	°C	ASTM D746
Melting Temperature	171 - 182	°C	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	27	%	ASTM D2863
Flammability	VW-1		UL 1581

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