

# Sylvin 6185-80 Grey 9166

Polyvinyl Chloride  
Sylvin Technologies Incorporated

Message:

Sylvin 6185-80 Grey 9166 Is A RoHS Compliant, Vinyl Compound Formulated For Oil Resistant Outdoor Jacketing Applications. This Compound Has A UL Approval For 720 Hour Sunlight Resistance, And CSA Approval For Flexible Cord Jacketing.

General Information			
Features	Oil resistance		
Uses	Cable sheath		
	Wire and cable applications		
RoHS Compliance	RoHS compliance		
Appearance	Grey		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A	80		ASTM D2240
Shaw A, 10 seconds	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	17.2	MPa	ASTM D638
Tensile Elongation (Break)	430	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	65.7	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	105	°C	ASTM D794
Brittleness Temperature	-30.0	°C	ASTM D746
Melting Temperature	171 - 182	°C	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	24	%	ASTM D2863
Flammability	VW-1		UL 1581

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

