

Sylvin 6185-80 Grey 9600

Polyvinyl Chloride
Sylvin Technologies Incorporated

Message:

Sylvin 6185-80 Grey 9600 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 ³ | 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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