

Sylvin 5170-85 Black

Polyvinyl Chloride
Sylvin Technologies Incorporated

Message:

Sylvin 5170-85 Black Is A RoHS Compliant, Vinyl Compound Formulated For Wire And Cable Applications. This Compound Has A UL Approval For TW, THW, THHW And 720 Hour Sunlight Resistance, And CSA Approved For Flexible Cord Insulation.

| General Information | | | |
|----------------------------|-----------------------------|-------------------|-------------|
| Uses | Wire and cable applications | | |
| Wire Types | THHW | | |
| | THW | | |
| | TW | | |
| Agency Ratings | CSA not rated | | |
| RoHS Compliance | RoHS compliance | | |
| Appearance | Black | | |
| Processing Method | Extrusion | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.31 | g/cm ³ | 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) | 17.9 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 350 | % | ASTM D638 |
| Thermal | Nominal Value | Unit | Test Method |
| Continuous Use Temperature | 105 | °C | ASTM D794 |
| Brittleness Temperature | -24.0 | °C | ASTM D746 |
| Melting Temperature | 168 - 179 | °C | |
| Flammability | Nominal Value | Unit | Test Method |
| Oxygen Index | 27 | % | ASTM D2863 |
| Flammability | VW-1 | | UL 1581 |

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