

Sylvin 5409-92 Natural

Polyvinyl Chloride
Sylvin Technologies Incorporated

Message:

Sylvin 5409-92 Natural Is A Vinyl Compound Formulated For 125c SAE J1127 , J1128 Automotive Wire Insulation Applications.

| General Information | | | |
|----------------------------|---------------------------------|-------------------|-------------|
| Uses | Wire and cable applications | | |
| | Insulating material | | |
| | Application in Automobile Field | | |
| Appearance | Natural color | | |
| 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 | 92 | | ASTM D2240 |
| Shaw A, 10 seconds | 92 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Break) | 18.6 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 330 | % | ASTM D638 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tear Strength | 78.8 | kN/m | ASTM D624 |
| Thermal | Nominal Value | Unit | Test Method |
| Continuous Use Temperature | 125 | °C | ASTM D794 |
| Brittleness Temperature | -24.0 | °C | ASTM D746 |
| Melting Temperature | 171 - 182 | °C | |

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