

Colorite Polymers CS1535UL Wire and Cable Insulation Vinyl Compound

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Wire and Cable Grade

Material Notes:

Description: Colorite specialty wire and cable compounds feature low smoke properties, excellent flame retardance, low temperature flexibility, and resistance to abrasion and chemicals. All are available in UL and non-UL grades. In addition, the engineering-grade thermoplastic elastomers we offer can stand up to the most demanding applications . . . while providing the most desirable performance characteristics at a cost that's more affordable than "ordinary" elastomers. Typical Applications: UL, THHN, THWN, AWM Information provided by Colorite Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Colorite-Polymers-CS1535UL-Wire-and-Cable-Insulation-Vinyl-Compound.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|-----------|-----------|
| Specific Gravity | 1.35 g/cc | 1.35 g/cc | ASTM D792 |
| Loss On Ignition | 26 % | 26 % | ASTM 2863 |

| Mechanical Properties | Metric | English | Comments |
|----------------------------|----------|----------|--------------------|
| Hardness, Shore A | 97 | 97 | 10 sec; ASTM D2240 |
| Tensile Strength, Ultimate | 22.1 MPa | 3200 psi | ASTM D412 |
| Elongation at Break | 305 % | 305 % | ASTM D412 |

| Thermal Properties | Metric | English | Comments |
|----------------------------------|----------|---------|-----------|
| Maximum Service Temperature, Air | 105 °C | 221 °F | |
| Brittleness Temperature | -15.0 °C | 5.00 °F | ASTM D746 |

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