

## Colorite Polymers CS8039UL 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 T, TW 63, 83, 1063 Sunlight resistant 720 hrs. UL 62, 1072 1277, 1569 Information provided by Colorite Polymers.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Colorite-Polymers-CS8039UL-Wire-and-Cable-Insulation-Vinyl-Compound.php](http://www.lookpolymers.com/polymer_Colorite-Polymers-CS8039UL-Wire-and-Cable-Insulation-Vinyl-Compound.php)

| Physical Properties | Metric    | English   | Comments  |
|---------------------|-----------|-----------|-----------|
| Specific Gravity    | 1.39 g/cc | 1.39 g/cc | ASTM D792 |
| Loss On Ignition    | 29 %      | 29 %      | ASTM 2863 |

| Mechanical Properties      | Metric   | English  | Comments           |
|----------------------------|----------|----------|--------------------|
| Hardness, Shore A          | 82       | 82       | 10 sec; ASTM D2240 |
| Tensile Strength, Ultimate | 14.5 MPa | 2100 psi | ASTM D412          |
| Elongation at Break        | 350 %    | 350 %    | ASTM D412          |

| Thermal Properties               | Metric   | English  | Comments  |
|----------------------------------|----------|----------|-----------|
| Maximum Service Temperature, Air | 80.0 °C  | 176 °F   |           |
| Brittleness Temperature          | -31.0 °C | -23.8 °F | ASTM D746 |

## Contact Songhan Plastic Technology Co.,Ltd.

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