

Colorite Polymers CS8039UL Wire and Cable Jacket 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 TW Subject 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-Jacket-Vinyl-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.39 g/cc	1.39 g/cc	ASTM D792
Loss On Ignition	26 %	26 %	ASTM 2863

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	10 sec; ASTM D2240
Tensile Strength, Ultimate	15.9 MPa	2300 psi	ASTM D412
Elongation at Break	280 %	280 %	ASTM D412

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	80.0 °C	176 °F	
Brittleness Temperature	-25.0 °C	-13.0 °F	ASTM D746

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