

Colorite Polymers Weatherflex™ CS1522WX (NTL70B) Wire and Cable 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: Class 36 TPE non-leaded plug molding material designed to meet UL/CSA harmonized flexible cord requirement. Information provided by Colorite Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Colorite-Polymers-Weatherflex-CS1522WX-NTL70B-Wire-and-Cable-Vinyl-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.22 g/cc	1.22 g/cc	ASTM D792
Loss On Ignition	31 %	31 %	ASTM 2863

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	10 sec; ASTM D2240
Tensile Strength, Ultimate	14.5 MPa	2100 psi	ASTM D412
Elongation at Break	400 %	400 %	ASTM D412

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 °C	221 °F	
Brittleness Temperature	-60.0 °C	-76.0 °F	ASTM D746

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