

Colorite Polymers 8511 Clear Extrusion Vinyl Compound

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Extruded

Material Notes:

Description: Clear non-toxic vinyl compounds are utilized by the health and medical industries for the extrusion of various components for the production of devices. The vinyl components used in preparation of such medical products must be manufactured to the highest standards of quality and purity. For injection molding, such compounds must also be formulated to provide excellent heat stability, high flow characteristics, and good mold release. Colorite specializes in the manufacture of such compounds. The plant has been so designed as to avoid contamination of materials produced. Quality control procedures have been instituted to assure the processor of complete traceability as well as consistent and reproducible quality. Information provided by Colorite Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Colorite-Polymers-8511-Clear-Extrusion-Vinyl-Compound.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|-----------|----------|
| Specific Gravity | 1.25 g/cc | 1.25 g/cc | |

| Mechanical Properties | Metric | English | Comments |
|----------------------------|------------|----------|----------|
| Hardness, Shore A | 85 | 85 | |
| Tensile Strength, Ultimate | 19.3 MPa | 2800 psi | |
| Elongation at Break | 325 % | 325 % | |
| 100% Modulus | 0.0122 GPa | 1.77 ksi | |

| Thermal Properties | Metric | English | Comments |
|-------------------------|----------|----------|----------|
| Brittleness Temperature | -25.0 °C | -13.0 °F | |

| Optical Properties | Metric | English | Comments |
|-----------------------|--------|---------|---------------------------------|
| Transmission, Visible | 90 % | 90 % | clear; thickness not quantified |

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