

Colorite Polymers 6012 Clear Injection Molding Vinyl Compound

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

Material Notes:

Description: Clear non-toxic vinyl compounds are utilized by the health and medical industries for injection molding of various components such as drip chambers, connectors, valves, etc. 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-6012-Clear-Injection-Molding-Vinyl-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.18 g/cc	1.18 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	
Tensile Strength, Ultimate	11.0 MPa	1600 psi	
Elongation at Break	450 %	450 %	
100% Modulus	0.00379 GPa	0.550 ksi	

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-48.0 °C	-54.4 °F	

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

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