

## Colorite Polymers 4012 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-4012-Clear-Injection-Molding-Vinyl-Compound.php](http://www.lookpolymers.com/polymer_Colorite-Polymers-4012-Clear-Injection-Molding-Vinyl-Compound.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.16 g/cc	1.16 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	40	40	
Tensile Strength, Ultimate	6.76 MPa	980 psi	
Elongation at Break	490 %	490 %	
100% Modulus	0.00179 GPa	0.260 ksi	

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

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