

Colorite Polymers Elastichem 5011TX-02 Vinyl Compound

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

Material Notes:

Description: All components in Elastichem are sanctioned by the U.S. Food & Drug Administration for food packaging applications under Title 21 of the Code of Federal Regulations. For medical use, complete traceability and lot identification of all components are maintained at Colorite. Low coefficient of friction Low gels Improved physical properties Non-sticking, even at 40 shore A Self-frosting for extrusion Self-frosting for injection molding Excellent resiliency for product requiring peristaltic motion Improved extrusion rates for low durometer compounds (i.e. 40-50A) Information provided by Colorite Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Colorite-Polymers-Elastichem-5011TX-02-Vinyl-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.16 g/cc	1.16 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50	50	ASTM D2240
Tensile Strength, Ultimate	11.4 MPa	1650 psi	ASTM D638
Elongation at Break	465 %	465 %	ASTM D638
Modulus of Elasticity	0.00294 GPa	0.426 ksi	ASTM D638

Thermal Properties	Metric	English	Comments
Minimum Service Temperature, Air	-48.9 °C	-56.0 °F	T _f ; ASTM D746
Brittleness Temperature	-55.0 °C	-67.0 °F	X _T _b ; ASTM D746

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