

Colorite Polymers 7077 Non-Phthalate 77 Series Vinyl Compound

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

Material Notes:

Description: The Colorite 77 series is a family of compounds designed for those medical device producers that require the use of a non-phthalate plasticizer that has superior resistance to extraction by blood lipids and high fat emulsions. This family of compounds is designed to be molded or extruded, whichever is required. Colorite 77 compounds are available in a range of hardnesses from flexible to semi-rigid. They are also available in ethylene oxide and radiation sterilizable grades. As with all Colorite non-toxic compounds, traceability and lot identification of all raw materials and finished products are maintained. Information provided by Colorite Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Colorite-Polymers-7077-Non-Phthalate-77-Series-Vinyl-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.22 g/cc	1.22 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	ASTM D2240
Tensile Strength, Ultimate	15.9 MPa	2300 psi	ASTM D638
Elongation at Break	400 %	400 %	ASTM D638
100% Modulus	0.00621 GPa	0.900 ksi	ASTM D638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-40.0 °C	-40.0 °F	ASTM D746

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