

## Colorite Polymers 8077 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-8077-Non-Phthalate-77-Series-Vinyl-Compound.php](http://www.lookpolymers.com/polymer_Colorite-Polymers-8077-Non-Phthalate-77-Series-Vinyl-Compound.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.24 g/cc	1.24 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	ASTM D2240
Tensile Strength, Ultimate	17.9 MPa	2600 psi	ASTM D638
Elongation at Break	375 %	375 %	ASTM D638
100% Modulus	0.009825 GPa	1.425 ksi	ASTM D638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-32.0 °C	-25.6 °F	ASTM D746

## Contact Songhan Plastic Technology Co.,Ltd.

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