

## Colorite Polymers 6077 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-6077-Non-Phthalate-77-Series-Vinyl-Compound.php](http://www.lookpolymers.com/polymer_Colorite-Polymers-6077-Non-Phthalate-77-Series-Vinyl-Compound.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.18 g/cc	1.18 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	ASTM D2240
Tensile Strength, Ultimate	11.7 MPa	1700 psi	ASTM D638
Elongation at Break	425 %	425 %	ASTM D638
100% Modulus	0.00396 GPa	0.575 ksi	ASTM D638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-47.0 °C	-52.6 °F	ASTM D746

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China