

## Plaskolite Optix® CA-81 UVA UV-Absorbing Acrylic Resin

Category : Polymer , Thermoplastic , Acrylic (PMMA) , Acrylic, UV Stabilized, Molded

### Material Notes:

Special UV-absorption grade, extrusion and injection molding Applications: A special UV-absorption acrylic resin for extrusion and injection molding. It is slightly lubricated for ease of processing. This resin offers high heat resistance and excellent stiffness/strength properties. Yellowness Index 0.6-1.4 per ASTM D1925.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Plaskolite-Optix-CA-81-UVA-UV-Absorbing-Acrylic-Resin.php](http://www.lookpolymers.com/polymer_Plaskolite-Optix-CA-81-UVA-UV-Absorbing-Acrylic-Resin.php)

Physical Properties	Metric	English	Comments
Density	1.18 - 1.20 g/cc	0.0426 - 0.0434 lb/in <sup>3</sup>	ASTM D792
Melt Flow	1.8 - 2.4 g/10 min	1.8 - 2.4 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	65.5 MPa	9500 psi	ASTM D638

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	90.0 - 100 °C	194 - 212 °F	ASTM D648
Vicat Softening Point	103 - 114 °C	217 - 237 °F	Rate A, ASTM D1525

Optical Properties	Metric	English	Comments
Haze	3.0 %	3.0 %	ASTM D1003
Transmission, Visible	91 %	91 %	ASTM D1003

## Contact Songhan Plastic Technology Co.,Ltd.

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