

## Diapolyacrylate Shinko-Lac® U400B Transparent ABS

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Transparent, Molded

**Material Notes:**

Shinko-Lac® is a registered trademark of Diapolyacrylate Company Limited. Information provided by Dayson Polymers.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Diapolyacrylate-Shinko-Lac-U400B-Transparent-ABS.php](http://www.lookpolymers.com/polymer_Diapolyacrylate-Shinko-Lac-U400B-Transparent-ABS.php)

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in <sup>3</sup>	ASTM D792
Melt Flow	0.30 g/10 min @Load 5.00 kg, Temperature 220 °C	0.30 g/10 min @Load 11.0 lb, Temperature 428 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	111	111	ASTM D785
Tensile Strength at Break	41.0 MPa	5950 psi	ASTM D638
Flexural Yield Strength	66.0 MPa @Thickness 6.35 mm	9570 psi @Thickness 0.250 in	ASTM D790
Flexural Modulus	1.90 GPa @Thickness 6.35 mm	276 ksi @Thickness 0.250 in	ASTM D790
Izod Impact, Notched	0.998 J/cm @Thickness 6.40 mm	1.87 ft-lb/in @Thickness 0.252 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	80.0 °C	176 °F	ASTM D648
Vicat Softening Point	100 °C	212 °F	ISO R-306; 49N

Optical Properties	Metric	English	Comments
Transmission, Visible	90 % @Thickness 3.20 mm	90 % @Thickness 0.126 in	ASTM D1003

## 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**