

## Dymax Light Weld® 402 High Clarity Glass Bonding Adhesive

Category : Polymer , Adhesive , Thermoset

**Material Notes:**

Glass Bonding in Seconds Description Dymax Light Weld® 400 Series adhesives form high-clarity, invisible bonds between glass and other substrates in seconds. In addition to many structural glass bonding applications, Light Weld 400 Series are excellent, cost effective replacements for optical cements. Adhesives are dishwasher safe, non-yellowing (UV resistant) and exhibit low shrinkage. Features and Benefits 1 to 60 second cures Solvent-free; no ozone depleting chemicals (O.D.C.s), low V.O.C.s Thermal shock -55°C to 150°C Structural adhesion to 4,000 psi 100% in-line Q.C. Better worker acceptance and low regulatory cost Dishwasher safe Ideal for demanding applications Dymax 402 Light Weld® High Clarity Glass Bonding Adhesive Typical Use: Metal to glass assemblies, lenses to metal frames

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dymax-Light-Weld-402-High-Clarity-Glass-Bonding-Adhesive.php](http://www.lookpolymers.com/polymer_Dymax-Light-Weld-402-High-Clarity-Glass-Bonding-Adhesive.php)

Physical Properties	Metric	English	Comments
Viscosity	5000 cP	5000 cP	Nominal

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	
Tensile Strength, Ultimate	8.96 MPa	1300 psi	Bond strength to metal
	20.7 MPa	3000 psi	Bond strength to glass
Elongation at Break	30 %	30 %	

Optical Properties	Metric	English	Comments
Refractive Index	1.52	1.52	
Transmission, Visible	90 %	90 %	clear; thickness not quantified

## Contact Songhan Plastic Technology Co.,Ltd.

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