

## Dymax Light Weld® 425 High Clarity Glass Bonding Adhesive

Category : Polymer , Adhesive , Thermoset

### Material Notes:

Glass Bonding in SecondsDescriptionDymax 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 Benefits1 to 60 second curesSolvent-free; no ozone depleting chemicals (O.D.C.s), low V.O.C.sThermal shock -55°C to 150°CStructural adhesion to 4,000 psi100% in-line Q.C.Better worker acceptance and low regulatory costDishwasher safeIdeal for demanding applicationsDymax 425 Light Weld® High Clarity Glass Bonding Adhesive Typical Use: Stemware, L.E.D., coatings, dishwasher resistant

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dymax-Light-Weld-425-High-Clarity-Glass-Bonding-Adhesive.php](http://www.lookpolymers.com/polymer_Dymax-Light-Weld-425-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	3.45 MPa	500 psi	Bond strength to metal
	27.6 MPa	4000 psi	Bond strength to glass
Elongation at Break	40 %	40 %	

Optical Properties	Metric	English	Comments
Refractive Index	1.50	1.50	
Transmission, Visible	90 %	90 %	clear; thickness not quantified

## Contact Songhan Plastic Technology Co.,Ltd.

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