

## Dymax Light Weld® 429 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 429 Light Weld® High Clarity Glass Bonding Adhesive Typical Use: Glass laminating, bulletproof glass; glass to plastics or metal; UV resistant bonds.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dymax-Light-Weld-429-High-Clarity-Glass-Bonding-Adhesive.php](http://www.lookpolymers.com/polymer_Dymax-Light-Weld-429-High-Clarity-Glass-Bonding-Adhesive.php)

Physical Properties	Metric	English	Comments
Viscosity	3000 cP	3000 cP	Nominal

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	50	50	
Tensile Strength, Ultimate	11.7 MPa	1700 psi	Bond strength to metal
	17.2 MPa	2500 psi	Bond strength to glass
Elongation at Break	200 %	200 %	

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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