

Dymax Light Weld® 401 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 401 Light Weld® High Clarity Glass Bonding Adhesive Typical Use: Glass furniture; metal brackets to glass, crystal

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dymax-Light-Weld-401-High-Clarity-Glass-Bonding-Adhesive.php

Physical Properties	Metric	English	Comments
Viscosity	90 cP	90 cP	Nominal

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	85	85	
Tensile Strength, Ultimate	6.21 MPa	900 psi	Bond strength to metal
	25.5 MPa	3700 psi	Bond strength to glass
Elongation at Break	8.0 %	8.0 %	

Optical Properties	Metric	English	Comments
Refractive Index	1.51	1.51	
Transmission, Visible	90 %	90 %	clear; thickness not quantified

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