



Luminescence Technology Corp.

UV Curing Adhesives for Sealing Application

Specifications

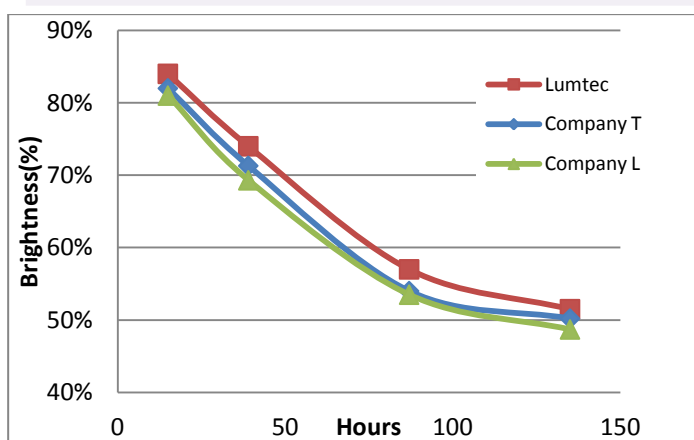
UV Curing Adhesives

Curing Type	UV	
Coating System / Type	Dispense / Edge sealing	
Product	LT-U001	
Main contents	Epoxy resin / Polymer	
Before		
Appearance	Milky white	
Density @25C	1.4 g/cm3	
Viscosity @25C	200 Pa.s	
After hardening		
WVTR	Cup method (JIS Z 0208) 40C/90%RH	4 g/m2-24h
Outgas	Head space GC-MS	< 20 ug/resin
Tensile Shear Strength	Autograph Glass/Glass sub.	Material failure
Tg	DSC	120 C
Low coefficientof linear expansion	TMA	< 6.0 X 10-5/C
Hardening condition (std.)		6 J/cm2 + 80 C/1h

UV curing adhesives not only bond materials together but they can also be used to seal and coat products. Also, it adheres well to glass surfaces. This product is cured after exposing to UV radiation. To obtain full cure on surfaces exposed to air, radiating wavelength at 365nm is effective.

Application Data

UV Curing Adhesives



*Initial brightness 3000nits

*Deep blue testing device structure:

LT-N221(15nm)/LT-N151(40nm)/HT2(5nm)/BlueEML(30nm)/ETL(30nm)/LiQ(1nm)/Al

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