UVA0202LV

ONE COMPONENT UV CURABLE ADHESIVE

TECHNICAL DATA

Product Description

UVA0202LV is a low viscosity version of of Tacusil UVA0202. It's fast curing urethane acrylate that bonds well to engineered plastics and metal based substrates. This product requires direct UV exposure during cure. Because of the variability of different UV light sources it is suggested that the user test and specify UV intensity and exposure time. This material is specially formulated to have reduced surface tack due to oxygen inhibition.

APPLICATIONS

- PVC or PC clamshell
- Coner bonding
- Component bonding

FEATURES

- Non sag paste
- UV curable
- Fast cure time
- Reduced surface tack

RECOMMENDED SUBSTRATES

- Metals
- Plastics
- Glass

BIOCOMPATIBILITY

UNCURED PROPERTIES*			
Property	**Unit**	**Value**	**Test Method**
Solvent Content		No Nonreactive Solvents	N/A
Chemical Class		Acrylated Urethane	N/A
Appearance		Clear	N/A
Soluble in		Organic Solvents	N/A
Specific Gravity		1.03	N/A
Viscosity @ 25°C	cps	7,500	N/A

CURED MECHANICAL PROPERTIES*			
Property	**Unit**	**Value**	**Test Method**
Durometer Hardness	Shore D	50	ASTM D2240
Elongation	%	90	ASTM D638
Tensile strength	MPa	11	
Operating Temperature Range	°C	-50 to 100	N/A

UV LIGHT CURE DATA*			
Property	**Unit**	**Value**	**Test Method**
Minimum Intensity	mW/cm^2	200	N/A
Spectral Output	Nm	300 to 400	N/A
Optimum Wavelength	Nm	365, 415	N/A

Storage:

Store material in cool, dry location at a temperature between 10°C to 28°C. Material is sensitive to UV and visible light. It has a shelf-life of 6 months. Consult SDS for safe handling recommendations.