

VIVID CURE™ 70501

LOW STRESS UV CURE ADHESIVE

TECHNICAL DATA July 2014

Product Description

Fast curing, water white, urethane acrylate that is designed to be used as an LCD interface adhesive. Soft, flexible, low modulus polymer that provides a high amount of bond strength without imparting stress. This product exhibits excellent moisture and yellowing resistance.

APPLICATIONS	FEATURES	SUBSTRATES	PACKAGING
<ul style="list-style-type: none"> • Touch Screen Display • LCD 	<ul style="list-style-type: none"> • RoHS Compliant • Clear • Low Stress Adhesive • Moisture Resistant 	<ul style="list-style-type: none"> • Plastics • Glass • Metals 	<ul style="list-style-type: none"> • Syringes

TYPICAL PROPERTIES OF UNCURED MATERIAL	
Property	Value
Chemical Class	UV Acrylate
Appearance	Clear
Viscosity, 10 RPM, cps	2,000
Viscosity, 100 RPM, cps	-
Specific Gravity	0.89
TYPICAL PROPERTIES OF CURED MATERIAL	
Property	Value
Glass Transition Temperature (T _g), °C	-58
Lap Shear Strength, Al/Al, PSI	-
Hardness, Shore	A25
Ultimate Tensile Strength, PSI	-
Elongation at Break, %	-
Young's Modulus (20°C), PSI	-
Volume Resistivity, Ω-cm	-

*All properties indicate typical values which are not meant to be used for preparing specifications.

PROCESSING	
Work Life	
Cure Options	UV cure @ 200 mW/cm ² minimum. 365, 405 nm recommended.
Clean-Up Solvent	Isopropyl Alcohol

SHELF LIFE, STORAGE

18 ± 10°C 1 Year DOM

THIS MATERIAL IS SOLD FOR INDUSTRIAL USE ONLY

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