

VIVID CURE™ 53061
SOFT POLYURETHANE ENCAPSULANT
TECHNICAL DATA
July 2014
Product Description

Soft, flexible, water white clear, non-yellowing, LED Encapsulation. Low temperature stable.

APPLICATIONS	FEATURES	SUBSTRATES	PACKAGING
<ul style="list-style-type: none"> • LED Encapsulation • Lighting Arrays 	<ul style="list-style-type: none"> • RoHS Compliant • Clear • Non-Yellowing • Soft and Flexible 	<ul style="list-style-type: none"> • Plastics • Metals • Glass 	<ul style="list-style-type: none"> • Dual Cartridges

TYPICAL PROPERTIES OF UNCURED MATERIAL		
Property	Value, Part A	Value, Part B
Chemical Class	Isocyanate	Polyol
Appearance	Clear	Clear
Viscosity, 10 RPM, cps	13,600	500
Viscosity, 100 RPM, cps	12,640	478
Specific Gravity	1.11	1.04
Mix Ratio by Volume	1	1
TYPICAL PROPERTIES OF CURED MATERIAL		
Property	Value	
Glass Transition Temperature (T _g), °C	-40	
Lap Shear Strength, Al/Al, PSI	-	
Hardness, Shore	A77	
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	10 Minutes
Cure Options	24 hours @ RT
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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