

Preliminary Product Information Sheet

ong with a shiny silver appearance n e attach applications. Other benefits	naking it ideal s include low v	for the demanding requirements of high power LED viscosity and high thixotropy making it suitable for a
art A: 3.82 Part B: 3.88 Weeks	-cure) Dry Time:	< 1 Day
	ong with a shiny silver appearance me attach applications. Other benefits ide range of application techniques. wo : 1 00°C/30 Minutes 50°C/1 Hour + 200°C/1 Hour (post art A: 3.82 Part B: 3.88	e attach applications. Other benefits include low weight in the include low weight is a two control of the incl

NOTE: Container(s) should be kept closed when not in use. Filled systems should be stirred thoroughly before mixing and prior to use.

MATERIAL CHARACTERISTICS:

PHYSCIAL PROPERTIES:					
Color (before cure):	Part A: Silver Part B: Silver				
Consistency	Smooth thixotropic paste				
Viscosity (23°C): @ 100 rpm	1,686 cPs				
Thixotropic Index:	3.6				
Glass Transition Temp:	104 ° C				
Coefficient of Thermal Expansion (CTE):					
Below Tg:	38 x 10 ⁻⁶ in/in°C				
Above Tg:	94 x 10 ⁻⁶ in/in°C				
Shore D Hardness:	66				
Lap Shear @ 23°C:	1,010 psi				
Die Shear @ 23°C - initial	>10 Kg		3,400 psi		
Die Shear @ 23°C - after 1000 hrs	85C/85%R >5 Kg		1,700 psi		
Degradation Temp:	357 ° C				
Weight Loss:					
@ 200°C	0.19 %				
@ 250°C	0.94 %				
@ 300°C	1.70 %				
Operating Temp:					
Continuous:	- 55°C to	200 ° C			
Intermittent:	- 55°C to	300 ° C			
Storage Modulus:	273,528 psi				
Ion Content:					
Cl:	< 10 ppm		NA^+ :	2 ppm	
$\mathbf{NH_4}^+$:	6 ppm		K ⁺ :	0 ppm	
Particle Size:	\leq 45 micron	ıs			
ELECTRICAL AND THERMAL PROPER	DAIDS.				
Thermal Conductivity (150°C/			12.6 W/mK		
Thermal Conductivity (150°C/			26.3		
Volume Resistivity:			≤ 0.00009 Ohm-cm		
OPTICAL PROPERTIES @ 23°C:					
Spectral Transmission:	N/A				
Index of Refraction:	N/A				

This information is based on data and tests believed to be accurate. Epoxy Technology, Inc. makes no warranties (expressed or implied) as to its accuracy and assumes no liability in connection with any use of this product.

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