

Internet Address:
www.emersoncuming.com

TYPICAL PROPERTIES	TEST METHOD	DESCRIPTION
Viscosity @ 25°C: 45,000 cps	PT-42	Ablebond® 958-11 electrically insulating adhesive is designed to absorb stresses produced when bonding large IC's.
Work Life @ 25°C: 2 weeks	PT-54	
Cure Condition: 2 hours @ 130°C		This adhesive meets the supplier requirements of MIL-STD-883, Method 5011.
Cure Option: 1 hour @ 150°C		
Lap Shear Strength Al to Al @ 25°C: 2700 psi	MT-6	
Die Shear Strength (80 mil ² IC) @ 25°C: 5000 psi	MT-4	
Volume Resistivity: 5 x 10 ¹⁴ ohm-cm	PT-47	
Ionic Data	CT-13	
Chloride: 300 ppm		
Sodium: 40 ppm		
Potassium: 1 ppm		
Water Extract Conductivity: 43 µmhos/cm	CT-6	
pH: 5.5		
Glass Transition Temperature (Tg): 89°C	MT-9	
Coefficient of Thermal Expansion	MT-9	
Below Tg: 15 ppm/°C		
Above Tg: 45 ppm/°C		
Weight Loss 300°C: 0.34%	PT-20	
Storage Life @ -40°C: 1 year	PT-13	

The figures shown above are typical values only. If you need to write a specification, please request our current Standard Release Specification.

INSTRUCTIONS

Apply adhesive as required. Assemble bonds. Cure at the recommended cure schedule(s).

AVAILABILITY

Ablebond® 958-11 adhesive is available in a variety of package sizes, ranging from 1cc to 1 pound. This material may be purchased with MIL-STD-883, Method 5011 certification at an additional charge.

STORAGE

Ablebond 958-11 adhesive may be stored up to 1 year at -40°C.

CAUTION This product may cause skin irritation in sensitive persons. Avoid skin contact. If contact does occur, wash area immediately with soap and water. Please refer to Material Safety Data Sheet (OSHA) for more details.

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