

HumiSeal® 2E27 Epoxy Adhesive
Technical Data Sheet

HumiSeal® 2E27 is a room temperature curing, two-part epoxy system designed to be used to encapsulate small electronic packages. This one to one mix ratio product provides excellent moisture resistance and is ideal for use in high humidity environments. HumiSeal® 2E27 is REACH and RoHS compliant.

APPLICATIONS	FEATURES	SUBSTRATES
Electronic encapsulation	RoHS & REACH compliant	Glass
	Two-component system	Metal
	Room temperature cure	Plastics
	Physical shock resistant	

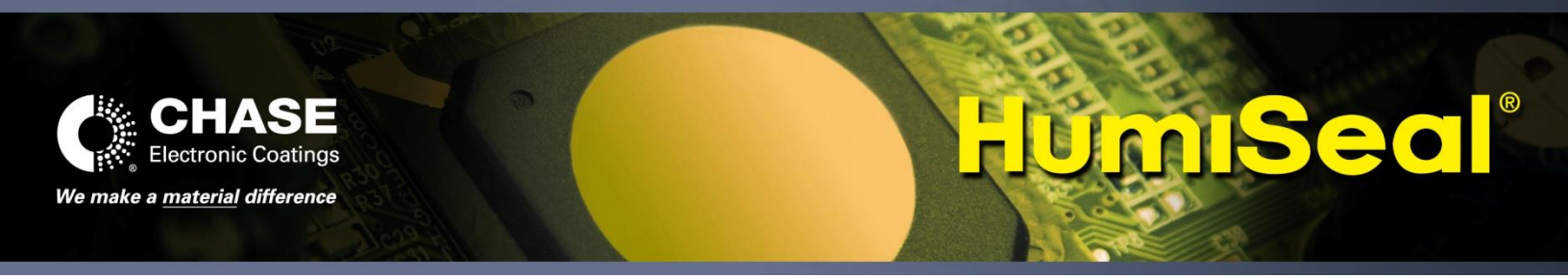
Properties of HumiSeal® 2E27

Chemical Class		Epoxy
Specific Gravity at 25°C	Part A	1.12
	Part B	1.00
Viscosity at 25C, cps	Part A	3,000 to 10,000
	Part B	4,000 to 7,000
Mix Ratio, PBV, A:B		1:1
Appearance, mixed		Clear/Light amber
Recommended Curing Conditions		24 hrs a room temperature 30 mins at 65°C
Work Life, minutes		15
Cleanup Solvent		Isopropyl alcohol
Hardness, Shore D		60
Tear Lap Shear (Aluminum) @ 25°C, PSI		1500
Tensile Strength, PSI		>1,000
Operating Temperature Range		-50°C to 125°C

Storage
HumiSeal® 2E27 should be stored between 8°C and 28°C in tightly closed containers. Shelf life is 6 months from DOM. Keep from freezing.

Caution
Application of HumiSeal® 2E27 should be carried out in accordance with local and National Health and Safety regulations. Use only in well-ventilated areas to avoid inhalation of vapor. Avoid contact with skin and eyes.

Consult SDS prior to use.



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