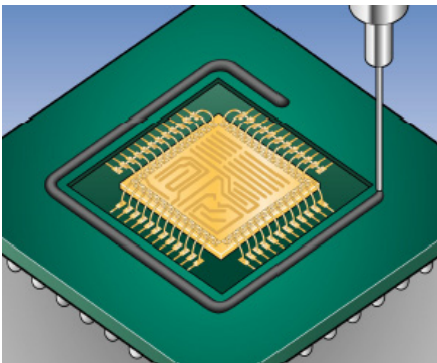


## LOCTITE ECCOBOND DAM 7010C & FIL 7010C

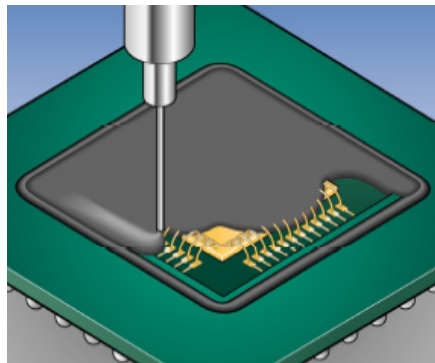
### CMR and SVHC free dam and fill system

**LOCTITE ECCOBOND DAM 7010C/ FIL 7010C** is a low viscosity dam and fill encapsulant used to protect stress-sensitive wire bonded electronic components. LOCTITE ECCOBOND DAM 7010C/ FIL 7010C is the first CMR & SVHC free, REACH compliant dam & fill encapsulant for aerospace applications. It's high Tg and low CTE drive excellent reliability performance.

#### Applications:



*Dam Process*



*Fill Process*

#### Key Benefits:

- CMR and SVH free
- REACH compliance
- High Tg, low CTE
- High reliability performance (-40°C/150°C)
- Low water uptake (85°C/85%RH)
- Meets NASA outgassing test (ASTM E595-15)

## TYPICAL PROPERTIES OF UNCURED MATERIAL

	UNIT	ECCOBOND DAM 7010C	ECCOBOND FIL 7010C
Appearance	-	1 component, Black	1 component, black
Viscosity (15s-1)	Pa.s	80 - 105	1 component, black
Thixotropic Index	-	3,3	1,3

## TYPICAL CURE PERFORMANCE

Cure temperature	140°C
Cure time	120 min

## TYPICAL PROPERTIES CURED MATERIAL

PROPERTY	UNIT	ECCOBOND DAM 7010C	ECCOBOND FIL 7010C
CTE below Tg	ppm/K	14 - 18	14 - 18
CTE above Tg	ppm/K	60 - 65	55 - 60
Tg (DMA)	°C	130 - 140	155 - 165
E-modulus at 25°C	GPa	11	11

	TML (%)	CVCM (%)	WVR (%)
<b>ECCOBOND DAM 7010C</b>	0,11	0,01	0,08
<b>ECCOBOND FIL 7010C</b>	0,25	0,01	0,10

### Contact:

#### GET IN CONTACT WITH US

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