

ALPHA[®] HiTech[™] CF12-4485B

角部填充环氧树脂

概述

ALPHA HiTech CF12-4485B 是一种单组份、低温固化角部环氧树脂体系。其作用是在机械应力期间为焊点提供保护。对于传统的底部填充工艺而言角部填充剂是一种优异且高效的低成本选择方案，因为不需要毛细流动。产品能实现以下特点和优点的平衡：

- 在 R4 板有优异的粘附强度
- 低温固化
- 无卤素
- 符合 RoHS 指令 2011/65/EU

使用该产品前，请阅读整份技术数据表

应用

存储	解冻	点涂	固化	安全
1. 存放温度 1 - 10°C 以保证产品稳定。 2. 垂直放置，尖端朝下 	1. 从冰箱中取出产品 2. 放置在室温条件下 2 小时 3. 产品完全解冻前不要开盖 4. 产品解冻后不能重新冷冻 5. 为防止未使用产品受到污染，不要将任何材料装回原包装中	ALPHA HiTech CF12-4485B 可在室温条件下高效使用。	为保证充分固化，在以下参数及对流烘箱中固化。 ≥30min @ 110°C; ≥20min @ 120°C; ≥15min @ 130°C; ≥10min @ 150°C.	虽然 ALPHA HiTech CF12-4485B 没有毒性，但在使用过程中会产生少量反应和分解气体。应将这些气体从工作空间中充分排出。其他安全性信息，请参阅安全数据表；最新版本的安全数据表可从 alphaassembly.com 下载。

技术数据

类别	规格
未固化材料属性典型值	
化学	环氧
外观	黑色, 膏状
粘度 (RVDV-II Brookfield, 30rpm @25°C)	5,000 – 7,000 cps
比重	1.1 – 1.2
使用期 (25°C)	7 天
保质期 (< -20°C)	6 个月
包装规格	30cc 和 50cc 针筒装
固化后材料属性典型值	
玻璃化转变温度 (T _g), TMA 方法	105 °C
热膨胀系数 (CTE, α ₁ , <T _g)	56 ppm
热膨胀系数 (CTE, α ₂ , >T _g)	191 ppm
硬度(Shore D)	80 - 90

联络资料

如需要确认这是最新版本, 请联络

Assembly@MacDermidAlpha.com

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Also read carefully warning and safety information on the Safety Data Sheet. This data sheet contains technical information required for safe and economical operation of this product. READ IT THOROUGHLY PRIOR TO PRODUCT USE. Emergency directory assistance: Chemtrec 1 - 800 - 424 - 9300.

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