

# ALPHA<sup>®</sup> HiTech<sup>™</sup> CU32-380

## 低粘度底部填充剂

### 概述

**ALPHA HiTech CU32-380** 是一种单组份毛细底部填充剂，设计用于保护印刷电路板上芯片封装的组装。产品能实现以下特点和优点的平衡：

- 低粘度，拥有快速高效的流动性
- 低吸湿性
- 释放大面积应力，主应力是元件和基板之间的热膨胀系数（CTE）的不匹配
- 优异的抗冲击力；在 10,000 次循环后，仍保持电路板的冲击弯曲特性
- 优异的电阻跌落冲击
- 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	应用	固化	安全
1. 存放温度 < -20°C，以保证产品稳定。 2. 垂直放置，尖端朝下 	- 从冰箱中取出产品 - 放置在室温条件下 2 小时 - 产品完全解冻前不要开盖 - 产品解冻后不能重新冷冻 - 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 -	<b>ALPHA HiTech CU32-380</b> 可在室温条件下高效使用。	为保证充分固化，在 130°C 条件下保持至少 8 分钟 (对流烘箱)	虽然 <b>ALPHA HiTech CU32-380</b> 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 <a href="http://alphaassembly.com">alphaassembly.com</a> 下载。available at <a href="http://AlphaAssembly.com">AlphaAssembly.com</a>

## 技术数据

类别	规格
未固化材料属性典型值	
外观	黑色
粘度 (RVDV-II Brookfield #4 @20rpm @25°C)	300 – 800 cps
闪点	>200 °C
使用期@ 25°C	3 天
保质期< -20°C	6 个月
包装规格	10cc, 30cc 针筒装
固化后材料属性典型值	
玻璃化转变温度 (T <sub>g</sub> ) , TMA 方法	89 ± 5°C
热膨胀系数 (CTE, α <sub>1</sub> , <T <sub>g</sub> )	57 ± 10 ppm
热膨胀系数 (CTE, α <sub>2</sub> , >T <sub>g</sub> )	199 ± 20 ppm
硬度(Shore D)	80 – 90
存储模量@25°C (Gpa via DMA)	1.27

## 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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