

Features 特性

- Fluorescence Characteristic 荧光性
- High Adhesion Performance 强粘接
- Good Thixotropic Property 良好触变性
- High Reliability 高可靠性
- Form-in-Place FIP 自动化点胶

Applications 产品应用

- Consumer Electronics 消费电子
- Communication Equipment 通讯设备
- Power Supply Controller 电源控制系统
- Smart Wearable Product 智能穿戴产品

EC-0013NCS 是一种单组份高温固化 Ni/C 导电胶水。产品固化后可以与各种基材产生牢固的粘接，适用于 FIP 自动化点胶等应用场景。

EC-0013NCS is a kind of one-component high temperature curing Ni/C electrical conductive adhesive. The material will build up strong adhesion with different substrate after curing, which is suitable for FIP automatic dispensing applications.

Property 特性	Typical Value 典型值	Unit 单位	Test Method 测试方法
Composition 主要成分	Silicone base with Ni/C Filler Ni/C 填充硅胶	—	—
Color 颜色	Black 黑色	—	Visual 目视
Hardness 硬度 (Shore A)	25	—	ASTM D2240
Viscosity 粘度@1s ⁻¹	400	Pa.s	ASTM D2196
Density 密度	1.70	g/cm ³	ASTM D792
Tensile Strength 拉伸强度	0.7	MPa	ASTM D412
Elongation 伸长率	200	%	ASTM D412
Cure Time 固化时间	30-60@150°C	min	—
Temperature Range 耐温范围	-40 - 150	°C	—
Lap Shear Strength (Al/Al) 剪切强度	0.6	MPa	—
Volume Resistivity 体积电阻率	≤1.0	Ω.cm	ASTM D257
Flame Rating 阻燃等级	V-0	—	UL 94
RoHS Compliance 合规性	YES	—	—
Shelf Life 保存期	6	month	≤-10°C, 未启封

All technical information stated in this technical data have been confirmed that all the technical parameters are reliable after harsh testing and evaluation of the products. Before you use our products, please carefully evaluate and decide whether the product meets your requirement and you need to take all the risks and responsibilities to use.

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