Technical Data Sheet

FeedBond® EP-2006-SC5-9

Fast Cure Non-Conductive Adhesive

Introduction:

FeedBond®EP-2006-SC5-9 is a single component, fast cure adhesive is designed for smart card module application. This adhesive can be cured fastly with directed heat energy or hot plate curing techniques.

Characteristics:

- Snap cure, hot plate cure or oven cure
- Excellent dispensability with minimal tailing and stringing
- Flexible

UNCURED PROPERTIES		**TEST DESCRIPTION**	**TEST METHOD**
Appearance	red		
Viscosity @ 25℃	30000 cps	Brookfield DV-III/CP-51 @ 5rpm	FT-P006
Thixotropic Index @ 25℃	5.5	Brookfield DV-III/CP-51 Visc. @ 0.5rpm/Visc. @ 5rpm	FT-P008
Grind	< 15μm	Grind meter	FT-P025
Work Life @ 25℃	24 hrs	25% increase in visc. @ 5rpm	FT-P024
Shelf Life@ -40℃	6 months		FT-P018

CURE CONDITION		**TEST DESCRIPTION**	**TEST METHOD**
Standard Cure Condition	hot plate	90 secs @120℃ or 10 secs @150℃	
	oven	30 mins @120℃ or 10 mins @150℃	

MECHANICAL PROPERTIES-CURE		TEST DESCRIPTION	TEST METHOD
Die Shear Strength @ 25℃	>250g/die	45mil × 45mil on Ag LF 90 secs on hot plate @120℃	FT-M012

p.s. The tables shown above are typical values only. If you need to write a specification, please request our current Standard Release Specification.

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Instruction:

This adhesive is easy to occur some uncure effect when touch with the following organic materials:

① Amin type, thiol type, acid anhydride... etc。

② Polar solvent : alcohol, ketone, DME, NMP…。

③ Some surface with sulfur treatment agent。

Transport:

The shipping process is carried out in a low temperature such as dry ice or a low temperature ice pack and a temperature indicator is placed to ensure product quality. When you receive the goods and find that there is no dry ice residue (or the temperature indicator is liquid), please take photos immediately and do not use it and notify our sales staff immediately.

Thawing:

Place the container to stand vertically for 30~60mins.DO NOT open the container before adhesive reaches ambient temperature to prevent the moisture condensation. Any moisture that collects on the thawed container should be removed prior to use. It is forbidden to freeze and freeze repeatedly to prevent abnormal separation and air bubbles.

Storage:

Adhesive should be stored @ -20 ~ -40℃. The shelf life of the material is only valid when the material has been stored at the correct storage condition.