

Heat-Resistance Halogen-Free FPC Materials / Bonding Sheet [TFA-890]

Available Halogen-Free Type, TFA-890 including High Reliability and Heat-Resistance

Features and Benefits

- To Meet Every Needs (Short Tact Time, High Reliability, Green Material etc.)
- Top Ranked Reliability among Halogen/Antimony Free Material
- Because of Excellent Drilling Process Ability and Chemical Resistance, Suitable for FPC Multi-Layer and Flex-Rigid Products.
- Excellent Bonding Reliability due to High Tg Characteristic

Applications

- Multi-Layer FPC and Flex-Rigid for Cellular Phone and Digital Still Camera.
- Heat Resistance Type Bonding Sheet Using COF for Flat Panel Display.
- Green Material for Environmental Product's Parts

We can provide Glass cloth base Adhesion "Super Bonding Sheet" and united with Stiffener Film "Super Stiffener Sheet"

General Property

Test Item	Condition	Unit	TFA-890 EA 35	Test Method
Laminate ability	-	-		Lamination
Resin Flow	After Laminate	mm	0.25	KCC Method
Tg	After Cure	C	109	DMA法
Heat Resistance	260C 60sec.	-		JIS-C-6471
Peel Strength (90 Degree)	A (vs. Film)	KN/m	2.04	JIS-C-6471
	S4 (vs. Film)		2.11	
	A (vs. Copper)		1.16	
	S4 (vs. Copper)		1.12	

Requirement for any Application

Application	Requirement	
Multilayer	Chemical Resistance	Bear up Desmear Process
Flex-Rigid	Migration Resistance	Migration under Rigid
COF	High-Tg	Dent case of Mounting
Heat sink	Heat Resistance	Strength in High Temperature
Stiffener	Peel Strength	Compatibility

High performance in all of use.

Recommendation

