



HP-57 (Laminate adhesive)

Product Data Sheet

Technical Data Sheet

DESCRIPTION

Laminates adhesives is two-components, room-temperature cure epoxy adhesives for carbon fiber plate. It has excellent adhesive strength and mechanical properties.

ADVANTAGES

- Excellent adhesive strength
- Excellent mechanical properties
- Low shrinkage
- Non-sagging type

APPLICATION

- Epoxy adhesives for carbon fiber plate

TYPICAL CURE SCHEDULE

- 25°Cx24h

STORAGE LIFE

- 6 months from the date of manufacture in the original sealed container.
- Hardener is sensitive to moisture. Partly emptied containers must be resealed immediately.
- Store away from excessive heat and humidity in tightly closed containers.

TYPICAL PROPERTIES

Aspect	R	White
	H	Grey
Mixing ratio(R:H, wt%)		100:50
Viscosity(25°C,CPS)	R	Paste
	H	Paste
Density(25°C)	R	1.65±0.05
	H	1.80±0.05
Adhesive bond strength		3.0MPA
Flexural strength		28MPA
Compressive strength		75MPA
Tensile elongation(%)		10
Cure shrinkage(%)		3
Weight,Volume change(%)		5

* R : Resin, H : Hardener

* Test method KSF-4923

HANDLING PRECAUTIONS

- Contamination of the eyes by resin or hardener should be treated Immediately by flushing with clean, running, water for 10~15 minutes.
- Material smeared or splashed on the skin should be dabbed off, and the contaminated area then washed and treated with a cleansing cream.
- Anyone taken ill after inhaling vapors should be moved out of doors immediately.

PACKING UNIT

- Resin : 10kg
- Hardener : 5kg

