



HHD 6103BK

SOLVENT FREE POLYURETHANE ADHESIVE

KEY BENEFITS

- Black color
- Low hardness, excellent flexibility
- Long open time

DESCRIPTION

HHD 6103BK is a black color, one-component, solvent-free, moisture curing polyurethane adhesive. Once dispensed, the adhesive will react with ambient moisture or water content of the substrates to yield a cross-linked thermoset adhesive. Heat is not required for curing to occur.

APPLICATIONS

HHD 6103BK is specifically designed for the assembly of electronic devices and can bond many kinds of substrates (PC, ABS, aluminum, etc...).

TECHNICAL DATA

CHARACTERISTIC	VALUE
Appearance (uncured)	Black Solid
Brookfield Viscosity (uncured) thermosel @ 130°C [mPa.s]	ca. 9000
Specific Gravity (uncured)	1.1
Open time* [min]	5
Hardness (cured) Shore A	80

*Open time is an application parameter that depends on the environment temperature, substrates and application process.

METHOD OF USE

This product is suitable for application by HMPUR dispenser. Coating weight can vary according to substrates.

Typical application temperature range is 110-130 °C.

CURING TIME

Cure rate is dependent upon substrate type, moisture permeability and ambient conditions. HHD 6103BK will develop adhesive properties within 24 hours. However, optimum properties are achieved after three to seven days at room temperature.

PACKAGING

- 30mL – PP syringes
- 300mL – Aluminum cartridge

CLEANING

As HHD 6103BK is applied at elevated temperatures, it is advisable to clean the equipment regularly with an appropriate cleaning agent.

STORAGE

HHD 6103BK can be stored for 6 months in the original, unopened packaging in a dry place at temperatures between +15°C and +25°C. It should be processed immediately after the container has been opened.

PRECAUTIONS

Read Material Safety Data Sheet before using and handling this product. MSDS is available upon request.

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SMART HELP

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