

HM5111

Polyolefin hotmelt for bonding

HM5111 is hotmelt adhesives with 100% solid systems containing no solvent. This hotmelt has good adhesion strength to the substrates and is mainly used for bonding metal, ABS, PE and other materials.

FEATURES

- Light smell, solvent-free, environmentally friendly
- Strong adhesion.
- Good thermal stability.
- Specially used for batteries.

TYPICAL PROPERTIES

Properties	HM5111
Base	Polyolefin
Color	White block
Softening Point, °C	135-145
Viscosity, 210°C, cps	3500-5500
Density, g/cm ³	0.88-0.95

PACKAGING, STORAGE AND SHELF LIFE

Packaging:

20 kg carton package

Storage:

This product should be store in a cool and dry place, away from direct sunlight and high temperature.

Shelf life:

2 years in original packaging at recommended storage condition.

CAUTION

Some findings indicate a lack of potential for carcinogenicity with the compositions of this product by long term recurrent application to the skin. However, contact with skin is likely to produce mild transient reddening. It is important to remove adhesive from skin with soap and water thoroughly. DO NOT use solvents for cleaning hands. This resin is of moderate acute toxicity by swallowing. If swallowed, call a physician. Avoid contact with eyes. In case of contact, flush with water for at least 15 minutes and get medical attention immediately. For specific information on this product, consult the Material Safety Data Sheet.

DIRECTION OF USE

1. Operation Temperature : 160-180°C.
2. Application method: Spray or roller gluing with hotmelt glue gun and a melting machine.
3. It's recommended to use melting machine with precise temperature control function.
4. All surfaces should be clean and free of loose elements.
5. Do not mix this adhesive with other adhesives or add solvents.
6. Do not touch the molten adhesive.
7. It is recommended to operate in a well-ventilated environment.

The data contained in this bulletin is provided only as a guide for evaluation/consideration. These material characteristics are typical properties that are based on a limited number of samples tested in the laboratory. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any product or method. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide.