

HM3303

Polyamide hotmelt for molding

HM3303 is hotmelt adhesives with 100% solid systems containing no solvent. This hotmelt has good adhesion strength to the substrate and provides good moisture protection, anti-corrosion, and anti-impact effects.

FEATURES

- High adhesion with many substrates.
- Good fluidity, excellent high and low-temperature resistance.
- Good insulation and flame retardant.
- Solvent-free, environmentally friendly, safe to operate.

5. It is recommended to operate in a well-ventilated environment.

PACKAGING, STORAGE AND SHELF LIFE

Packaging:

20/25 kg packaging

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.

TYPICAL PROPERTIES

Properties	HM3303
Base	Polyamide
Color	Natural/ Black
Softening Point, °C	185-195
Viscosity, 210°C, cps	4000-7000
Density, g/cm ³	0.98
Glass transition temperature, °C	≤ -40
Hardness, shore D	35-45
Elongation, %	≥ 500
Tensile strength, Mpa	≥ 6.5
Working temperature, °C	- 35- 150

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. Melting Temperature: 210 - 240°C.
2. Dry before use, vacuum dry for 2 hours, 105°C is recommended.
3. All surfaces should be clean and free of loose elements.
4. Do not touch the molten adhesive.

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.