POLYGUM® · FURNITURE GRADE · CODE PG-HM-SMT-01

POLYGUM® Hot Melt SMT-01

Unfilled EVA hot melt granules for assembling pocket spring mattress units by nozzle spray.

Product Description

POLYGUM® Hot Melt SMT-01 is a unfilled EVA hot melt adhesive in granule form for assembling pocket spring mattress units by nozzle spray. It is matt yellow transparent in colour and is applied at 130 – 160°C.
Unfilled grade: no mineral filler, for a clean, transparent glue line.

Technical Specification

Property	Typical value
Type	EVA hot melt granules
Colour	Matt yellow transparent
Filler	Unfilled
Viscosity	2,500 ± 500 cP at 150°C
Softening point	75 ± 5°C
Application temperature (melting range)	130 – 160°C
Application	Pocket spring mattress assembly
Applicator	Nozzle spray application
Pack size	30 kg bag

Values are typical and given for guidance; they are not a specification.

Areas of Application

- Pocket spring mattress units
- Nozzle spray application

Features & Benefits

Product Features

- Solvent-free, 100% solids
- Sets on cooling for immediate handling
- Softening point 75 ± 5°C
- Application temperature 130 – 160°C

Product Benefits

- Fast spring unit assembly with no drying time
- Even spray from the nozzle

Application Method

- Pocket spring units and fabric should be clean and dry.
- Set the melt tank, hose and spray nozzle within 130 – 160°C.
- Spray the adhesive through the nozzle onto the pocket spring rows and join them immediately while the adhesive is molten.
- Do not hold molten adhesive at temperature for long periods with the machine idle; top up with fresh granules regularly.

Storage & Handling

- Store in sealed bags in a cool, dry place away from direct heat.
- Molten adhesive can cause burns: use heat resistant gloves and eye protection at the melt tank.

Health & Safety

Read the Material Safety Data Sheet (Doc. No. MSDS/PG-HM-SMT-01) before use. It is available at www.synergybonding.in/datasheets.

Disclaimer

The information in this document is based on our present knowledge and laboratory tests, and is given in good faith as a guide. Because conditions of use are beyond our control, users must test the product to confirm its suitability for their own application. No warranty is given or implied, and this document does not relieve the user of the responsibility to comply with applicable laws and regulations.