POLYGUM® · FURNITURE GRADE · CODE PG-HM-SMFW

POLYGUM® Hot Melt SMFW

Filled EVA hot melt granules for bonding PVC edge band to wood-based panels (plywood, MDF and particle board) on manual edge banding machines.

Product Identification

Product name	POLYGUM® Hot Melt SMFW
Product code	PG-HM-SMFW
Brand / range	POLYGUM® · Furniture grade
Chemical nature	EVA hot melt adhesive
Chemical family	Thermoplastic hot melt adhesive, solid at room temperature
Physical form	Solid granules, frosty white
HS code (6-digit)	3506.91
Pack sizes	30 kg bag
Manufacturer	Synergy Bonding Solutions Pvt Ltd

Product Specification

Property	Specification / typical value
Type	EVA hot melt granules
Colour	Frosty white
Filler	Filled
Viscosity	25,000 ± 2,500 cP at 170°C
Density	1.2 – 1.5 g/cm³
Softening point	85 ± 5°C
Application temperature (melting range)	160 – 180°C
Application	Wood to PVC edge banding, side (edge) application
Edge band material	PVC
Applicator	Manual edge banding machine

Parameters listed in the Certificate of Analysis (Doc. No. COA/PG-HM-SMFW/R02) are checked on every batch against these limits. Other values are typical and given for guidance.

Chemical Composition

Component	CAS No.	Content (% w/w)
Ethylene – vinyl acetate copolymer (EVA)	24937-78-8	Confidential
Tackifying resins (hydrocarbon / rosin ester)	Confidential	Confidential
Paraffin / synthetic waxes	8002-74-2	Confidential
Calcium carbonate	471-34-1	Confidential
Antioxidants	Confidential	Minor

The exact formulation is proprietary; components and ranges are declared as required for safety and regulatory purposes.

Hazard & Regulatory Summary

GHS classification	Not classified as hazardous under GHS.
Transport (DG) status	Not classified as dangerous goods for road, rail, sea or air transport.

Storage & Shelf Life

- 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.

Related Documents

Technical Data Sheet	TDS/PG-HM-SMFW/R02
Material Safety Data Sheet	MSDS/PG-HM-SMFW/R02
Certificate of Analysis (specimen)	COA/PG-HM-SMFW/R02
Haz / Non-Haz declaration	DGD/PG-HM-SMFW/R02
Download	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.