Application Areas:

High-yield unfilled pure EVA hot melt adhesive delivering up to 40% higher linear coverage compared to filled hotmelts in industrial furniture manufacturing.

Designed for straight edgebanding machines (18 – 40 m/min) bonding PVC, ABS, solid lippings, and veneer edges with an ultra-thin, high-strength glue line.

Characteristics & Directions for Use:

Low density (0.98 g/cm³) ensures exceptional mileage per bag. Leaves no abrasive mineral residue or nozzle buildup.

Outstanding thermal stability prevents skinning or discoloration during routine operations.

Processing Parameters:

Process Parameter	Specification / Condition
Recommended Operating Temperature	190 – 210 °C
Viscosity (Brookfield @ 200°C)	50,000 ± 8,000 mPa·s (Spindle 29 / 20 rpm)
Recommended Feed Speed	18 – 40 m/min
Quantity Applied	130 – 180 g/m²
Open Time Window	approx. 8 – 12 seconds
Recommended Wood Moisture	8 – 10 %

Technical Data:

Technical Parameter	Specification Value
Chemical Base	Pure Unfilled EVA Copolymer
Density (@ 20°C)	approx. 0.98 ± 0.02 g/cm³
Softening Point (Ring & Ball)	103 ± 3 °C (ASTM E28 / DIN EN 1238)
Solids Content	100 % (Solvent-free solid granulate)
Appearance & Color	Natural Off-White / Translucent Granules
Heat Resistance	approx. 85 °C

Performance Ratings:

Linear Yield Efficiency (+40%)		**99 / 100**
Initial Adhesion Strength		**94 / 100**
Thin Film Quality		**98 / 100**
Thermal Stability		**95 / 100**
Heat Resistance		**86 / 100**

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Cleaning:

Scrape warm residues from applicator parts.

Storage & Shelf Life:

Store in a dry area (15 – 25 °C). Shelf life is 24 months.

Packaging:

20 kg / 25 kg PE Bags.

Important Remarks & Legal Notice:

Consult MSDS for handling.

Yields 35-40% more edge meters per kg than filled adhesives.

Mayer Adhesive Engineering & Quality Standards:

ISO 9001:2015 QA.

Cost-per-meter optimization audit.

100% filler-free formulation.

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