



优胜热熔胶
Hot Melt Adhesive

Technical Data Sheet
April, 2025

PUR Hot Glue TDS

Model Number: 870.90 (All-Season Version)

Chemical Name: Moisture-Curing Reactive Polyurethane Hot Melt Adhesive

Application: Used for edge banding in high-end custom furniture and panel furniture.

Compatible Machine: PUR fully automatic edge banding machine

Compatible Substrates: Engineered board (e.g., Particleboard、MDF、plywood and eco-friendly board etc), honeycomb aluminum board.

Compatible Edge Banding Materials: PVC, ABS, melamine paper, veneer

Components: Polyester Polyol, Polyether Polyol, Acrylic Resin, MDI, petroleum Resin, fillers

Viscosity: Approx. 70,000-90,000 mPa • s (when 150°C)

Density: Approx. 1.25 (g/c m³)

Appearance: Off white or beige solid block

Package: Packaged in nitrogen-filled aluminum foil bag within steel drum, 20 KG/Barrel

Working Environment: All-season version, suitable for most regional climates and optimal for edge banding operations within a temperature range of 5°C to 36°C.

Feed Speed: >25m/min

Parameter Setting : Glue application roller 120-150°C, glue dispenser 120-150°C, glue hose 120-150°C

Generally, the temperature settings for the glue dispenser and glue hose are 5°C lower than that of the glue application roller.

For example: When environment temperature is between 25 and 35°C, set glue application roller to 135°C, glue hose to 130°C, glue dispenser to 135°C.

Settings can be adjusted appropriately based on the environment temperature.

Spread: 130-150g/ m²

Characteristics : high performance, less fillers, adaptable to a wide range of environment temperatures, good initial tack, thin adhesive thread, high strength after reaction, good heat resistance and solvent resistance.



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Cautions:

1. Check the packaging before use, if the aluminum foil bag is broken and leaking, do not use it.
2. Cleaning: Clean glue application roller, glue hose and glue dispenser with dedicated PUR cleaner.
3. Storage: Shelf life of 12 months if stored in a cool and dry place.



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