



PUR Hot Glue TDS

870.80 Beige Summer Version (870.8W White Summer Version) TDS

Appearance: Beige (or white) color block solid

Package: Aluminum foil bag, iron barrel packaging, 20kg/barrel

Brookfield Viscosity: 80,000-100,000cps (at 150°C)

Applicable Ambient Temperature: 15-45°C (Initial bonding peel strength: 4-5 kg at 45°C)

Required Curing Temperature: Higher than 15°C

Working Temperature: Application roller: 125-150°C, glue hose: 125-140°C, hot melt applicator: 125-140°C

Spread: Recommend 100-120g/m² (Yields approximately 8,000+ linear meters per barrel)

Compatible Machine: Clog-Free PUR edge banding machine

Shelf life: 12 months

Skinning Test:

Skinning Resistance: No skinning for over 90 minutes (up to 180 minutes under ideal conditions) during idling at 145°C with a fully loaded application roller.

Nozzle/Hose Clogging: Zero skinning or clogging in hoses and nozzles, provided there are no equipment malfunctions or operator errors.

Technical Specifications:

1. Initial Bond Strength: Defined as the 90° peel strength measured on 18mm board 1 minute after edge banding. Unit: N·m (10 N·m ≈ 1 kgf·m).
2. The minimum initial bonding strength for linear and narrow-board edge banding process is approximately 3-5 kg.
3. Ambient temperature refers to the actual temperature of workshop operating environment, substrates, and the edge banding materials.
4. Curing temperature refers to the environment temperature for curing and chemical reaction after the edge-banded components achieve shrinkage and creep stability (0.5 hours post-application).

