Mayer ProLine Cool A-202

TDS-MAYER-PRO-A202

Product Description & Function:

Mayer ProLine Cool A-202 is an Antistatic chilling agent applied directly to the glue line and edgeband after the pressure zone to rapidly cool the adhesive joint and eliminate static charges, preventing plastic shavings from sticking to cutters.

Recommended Machine Position & Directions for Use:

Location: Pressure & Finishing Zone (After pressure rollers, before radius/milling blades)
Application Method: Sprayed onto the edgeband top and bottom chamfer immediately after pressure rollers. Accelerates adhesive solidification to prevent glue smearing on trimming knives. Dissipates electrostatic charge to ensure 100% chip extraction.

Application & Processing Parameters:

Processing Parameter	Specification / Operational Value
Nozzle Position	After pressure zone / Before radius trimming and scraper units
Dispensing System	Targeted micro-spray nozzles (Directly at edge joint)
Consumption Rate	Approx. 1 liter per 25,000 – 40,000 linear meters
Compatible Edges	All PVC, ABS, Acrylic, PP, and 3D edgebanding strips
Action Mechanism	Evaporative flash chilling + Conductive antistatic barrier
Packaging Options	30 L canister (and 1 L refill bottles)

Processing Notes & Recommendations:

- Spray nozzle orientation and timing must be precisely calibrated to hit only the workpiece edge.
- Avoid overspray; pneumatic/airless micro-misting delivers maximum chemical efficiency.
- Periodically inspect and clean spray nozzles during shift changes.
- Conduct trial runs on delicate or high-gloss surfaces prior to full-scale serial production.

Typical Physical & Chemical Properties:

Physical Property	Specification Value
Physical State & Color	Liquid fluid, Clear Light Blue
Odor	Characteristic faint fresh alcoholic odor
Density (@ 20°C)	0.86 ± 0.02 g/cm³
Flash Point	23 ± 2 °C (Flam. Liq. Cat. 3)
Viscosity (@ 20°C)	< 5 mPa·s
pH Value	6.5 – 8.0
Evaporation Rate	Fast controlled flash-cooling evaporation
Water Solubility	Completely soluble / miscible

Performance & Efficiency Rating:



Storage, Safety & Packaging Information:

Storage: Store in tightly closed original containers in a cool, dry, and well-ventilated area (+10 °C to +25 °C) away from direct sunlight, open flames, and heat sources. Keep container tightly sealed. Shelf Life: 24 months.
Packaging: 30 Liter industrial HDPE canister and 1 Liter refill application bottles.
Safety Notice: Contains flammable liquid and vapors. Take precautionary measures against static discharges. For comprehensive health, safety, and PPE data, refer to the official Safety Data Sheet (SDS).