



# Jowat-Toptherm® 851.10



**Powerful PO hot melt adhesive for tray, case and carton bonding**  
**Excellent adhesion, fast setting and clean processing**  
**Cost-effective solution for increasing process efficiency and reducing total costs**





**Reduce total costs and increase process efficiency with less maintenance and lower resource consumption due to Jowat-Toptherm® polyolefin (PO) hot melt adhesives!**

Tailor-made **Jowat-Toptherm®** adhesives for packaging processes have been established for many years in the different applications of the packaging industry and enjoy great success. Whether primary or secondary packaging – the excellent processing characteristics of **Jowat-Toptherm®** never fail to impress processors.

Now, a new attractive and cost-effective solution has been added to the tried and proven product series. **Jowat-Toptherm® 851.10** is a modern PO hot melt with universal characteristics. Due to the wide range of adhesion, the adhesive facilitates reduced application amounts and reliable bonding of most cardboard and paper qualities.

Compared to other standard PO hot melts available on the market, **Jowat-Toptherm® 851.10** impresses especially with an improved adhesive cut-off at the nozzle with up to 60 % less

stringing. This prevents work-intensive cleaning of adhesive residues on machine parts, reject parts due to soiled substrates, and wasted adhesive.

In addition, the PO-based adhesive has an outstanding stability in the melt – preventing charring and the formation of residues which could clog the application nozzles. Maintenance can therefore be reduced substantially, standstills are minimised, and the lifecycle of the machines is generally extended.

Due to the universal characteristics of **Jowat-Toptherm® 851.10**, processors can often use the same adhesive for different applications and no longer need several special adhesives. Therefore, this leads to a less complex purchasing and handling of adhesives.

### Efficiency:

- High yield
- Low maintenance
- Reduced downtimes
- One adhesive for different applications

### Performance:

- Very wide range of adhesion
- Minimal stringing
- Excellent thermal stability
- Very fast setting
- High resistance to heat and low temperatures
- Works excellent on vacuum feeding systems

### Safety:

- Optimised working environment due to minimal odour and clean processing.
- Approved for food packaging according to FDA 175.105 and EU 10/2011.
- Extensive support from Application Technology Department and Application Specialists to ensure a smooth and fast adhesive change.

## Jowat-Toptherm® 851.10

Viscosity at 160 °C	approx. 1100 mPas
Processing temperature	approx. 150 – 170 °C
Setting time	very short
Open time	3 – 5 seconds
Softening range	approx. 110 °C