



**Jowat**  
GREEN ADHESIVES



# Jowat-Toptherm<sup>®</sup> 851.99



99 °C

**Powerful hot melt adhesive for  
resource-saving bonding of packaging**

**Processing temperatures starting from 99 °C**

- Substantial energy savings
- Improved occupational safety

**Very clean, easy processing**

**Free of MOAH\***

\* (below typical detection limit)

Hochfeine



Premiumqualität

**Jowat**  
Klebstoffe



## Save Resources and Reduce Costs without Compromise: Jowat-Toptherm® 851.99!

Jowat-Toptherm® 851.99 helps processors save resources due to low energy and material consumption and provides an efficient opportunity for more sustainable processes. The low processing temperature makes Jowat-Toptherm® 851.99 an exceptional choice for packaging temperature-sensitive products, e.g. sweets or frozen food. The modern hot melt adhesive is based on a

formulation with a MOAH content below the typical detection limit and is therefore an equally interesting partner for producers of dry or fatty foods with a long shelf life. However, the range of applications reaches far beyond the examples given: The low processing temperatures provide a significant potential for energy savings in many applications.



### Processing temperatures starting from 99 °C

- Energy savings of up to 45 %
- Improved occupational safety due to reduced risk of burning



### High stability in the melt

- Significantly lower tendency of formation of oxidative deposits that can clog nozzles and lead to standstills and elevated maintenance costs

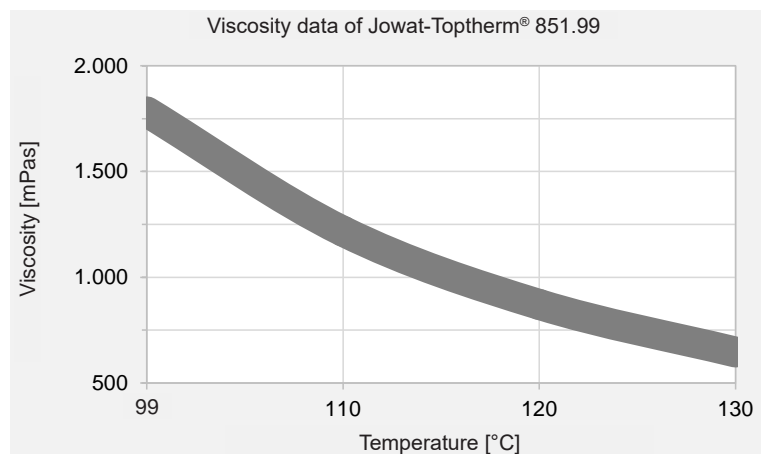


### Very clean string cut-off at the nozzle

- Up to 80 % less soiling caused by stringing compared with other hot melt adhesives available on the market
- Soiled machine parts, soiled packaging and the waste of adhesive are minimized effectively

## Jowatherm-Toptherm® 851.99

Short pressing time & high restoring forces	● ● ○
Clean processing	● ● ●
Demanding surfaces	● ● ○
Heat resistance	● ● ○
Cold resistance	● ● ○
Environmental benefits	● ● ●
Food safety	EU 10/2011 FDA 175.105



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