



Jowat-Toptherm® 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

**Save resources and reduce costs without compromise:
Jowat-Toptherm® 851.99!**

For years, the rule of thumb in the world of bonding was “low processing temperature = low adhesion & low heat resistance”.

Jowat has now rewritten that rule with **Jowat-Toptherm® 851.99**, a hot melt adhesive characterised by a broad spectrum of adhesion and outstanding qualities coupled with a very low viscosity that allows processing temperatures starting from 99 °C.

The low processing temperature makes **Jowat-Toptherm® 851.99** an exceptional choice for

packaging temperature-sensitive products, e.g. confectionery or frozen food. The demanding surfaces often used in those industries can be bonded reliably with **Jowat-Toptherm® 851.99** due to its good adhesive properties. However, benefits extend far beyond those applications and the low processing temperature provides considerable potential for energy savings in a wide range of processes.



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 forming oxidative deposits that can clog nozzles and lead to standstills and elevated maintenance costs



Very clean application

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

Jowat-Toptherm® 851.99 helps processors save resources due to low energy and material consumption and provides an efficient opportunity for more sustainable processes.

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|------------------------|-------------|--------|-------------------|
| Processing temperature | min. - max. | [°C] | 99 - 150 |
| | preferable | [°C] | 110 - 120 |
| Viscosity | at 99 °C | [mPas] | 1,900 |
| | at 110 °C | [mPas] | 1,250 |
| | at 140 °C | [mPas] | 500 |
| Open time | | [s] | approx. 7 ± 1 |
| Setting time | | [s] | approx. 0.7 ± 0.2 |

The information given in this leaflet is based on test results from our laboratories as well as on experience gained in the field, and does in no way constitute any guarantee of properties. Due to the wide range of different applications, substrates, and processing methods beyond our control, no liability may be derived from these indications nor from the information provided by our free technical advisory service. Before processing, please request the corresponding data sheet and observe the information in it! Customer trials under everyday conditions, testing for suitability at normal processing conditions, and appropriate fit-for-purpose testing are absolutely necessary. For the specifications as well as further information, please refer to the latest technical data sheets.