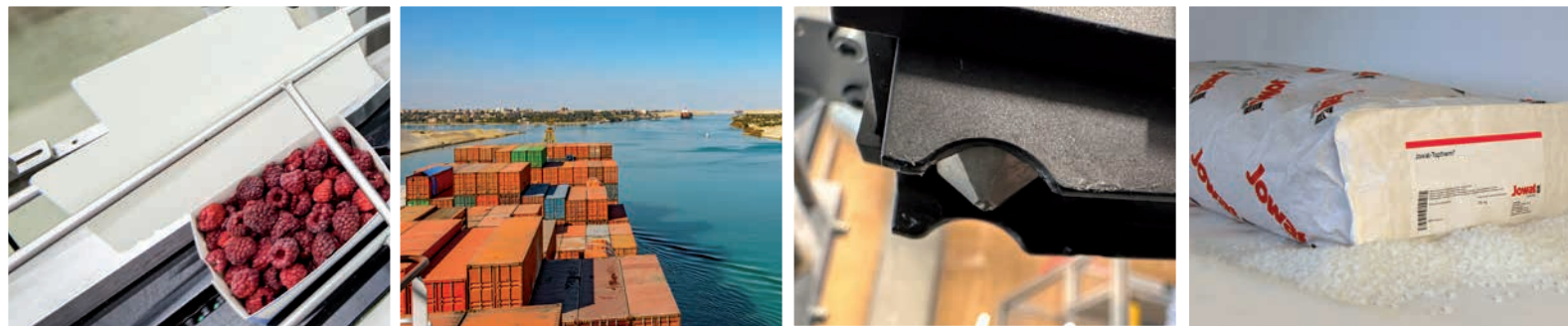




# Jowat-Toptherm® 851.10 & 851.15



Multipurpose hot melt adhesive for packaging

- Very high resistance to heat and cold
- Clean processing
- Free of MOAH



## Two products. A thousand possibilities. Zero worries.

**Jowat-Toptherm®** adhesives specially tailored to packaging processes have been tried and tested successfully in the different applications of packaging companies for many years and have become widely established. **Jowat-Toptherm® 851.10** is the top choice for bonding demanding surfaces and convinces with a very clean detaching of the adhesive at the nozzle. Dirty machine parts coupled with time-consuming cleaning procedures, soiled substrates that can lead to unattractive packaging and wasted adhesives are prevented. Apart from the clean cut-off at the nozzle, the adhesive is also characterized by a good cold resistance which is required e.g. for frozen food packaging.

**Jowat-Toptherm® 851.15** can also be used in a broad range of applications and masters even difficult conditions. The modern adhesive can compensate for very short pressing times, strong restoring forces and high temperatures that can occur in hot filling processes or in shipping containers.

The hot melt adhesives are based on a formulation with a MOAH content below the typical detection limit and are therefore an equally interesting partner for producers of dry or fatty foods with a long shelf life.

### Jowat-Toptherm® 851.10 & 851.15

Multipurpose hot melt adhesive for bonding applications in packaging processes, e.g. cases, trays and folding boxes.

Jowat-Toptherm®		851.10	851.15
Viscosity	at 160°C	1,100 mPas	1,850 mPas
Processing temperature		140°C–180°C	140°C–180°C
Open time	at 160°C	~10 s	~10 s
Short pressing time & high restoring forces		●●○	●●◐
Clean processing		●●◐	●●○
Demanding surface		●●◐	●●○
Heat resistance		●●○	●●◐
Cold resistance		●●●	●●○
Environmental benefits		●●○	●◐○
Food safety		EU 10/2011; FDA 175.105	EU 10/2011; FDA 175.105

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.