



**Jowat**  
Classics



# Jowat-Toptherm®

## 221.00



**Unfilled PO hot melt adhesive for general profile wrapping and edgebanding**

**Thin and transparent adhesive joint for an “optical zero bondline”**

**Wide range of adhesion – universal use**

**High heat resistance**

**Clean processing**

For many years, the popularity of hot melt adhesives based on polyolefin (PO) has increasingly grown. Since the introduction of these thermoplastic hot melt adhesives in the late 1980s, they have become a true success story.

It started with the demand for a superior heat resistance compared to the then-established EVA (ethylene vinyl acetate) hot melts and now polyolefin hot melts offer a variety of substantial advantages.

Due to the purely physical setting process, PO hot melt adhesives are easy to handle and do not require any special application equipment. However, they facilitate considerably higher heat resistances compared to EVA hot melt adhesives. Coupled with low adhesive consumption and very clean processing, these benefits have made modern PO hot melt adhesives an attractive alternative for edgbanding as well as profile wrapping applications.

## Benefits

- ✓ **Heat resistance:** Meets high heat resistance requirements (e.g. kitchen furniture) due to a higher melting range at over 100 °C.
- ✓ **High yield:** The considerably reduced density of polyolefin hot melt adhesives facilitates low application amounts.
- ✓ **Zero bondline:** The transparent adhesive coupled with low application amounts facilitates hardly visible adhesive joints (“optical zero bondline”).
- ✓ **Stability:** The high thermal stability of PO hot melt adhesives reduces the risk of charred adhesive in the melt reservoir and extends cleaning intervals considerably.

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Wide range of applications, e.g. for paper foils, thermoplastic foils, CPL as well as for laminate, PVC, ABS, PP, resinated paper, veneer edgebands and solid wood.

		Profile wrapping	Edgebanding
Processing temperature	[°C]	180 - 200	170 - 190
Feed speed	[m/min]	18 - 80	12 - 25
Density	[cm³]	0.90 ± 0.3	
Softening range	[°C]	115 ± 5	
Viscosity at 180 °C	[mPas]	approx. 46,000	
Polymer basis		PO	
Appearance		yellow / white	



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