



Jowat-Toptherm®

236.54



Unfilled polyolefin (PO) hot melt adhesive

General profile wrapping applications

Excellent thermal oxidation stability

Improved mileage

High heat resistance

Wide range of adhesion

Profile wrapping with a wide variety of different materials is one of the oldest applications in the industrial manufacture of furniture and interior furnishings. Hot melt adhesives based on ethylene-vinyl-acetate (EVA) have already been used in this application since the 1960s.

The limits of the performance of EVA hot melt adhesives was soon reached due to increasing requirements, especially with regard to heat resistance. For instance, the ceiling panelling industry formulated precise requirements with regard to increased heat resistance when ceiling-recessed halogen spotlights were introduced in the 1980s.

Today, hot melt adhesives based on polyolefin (PO) are the established state of the art and the products of choice in general wrapping applications.

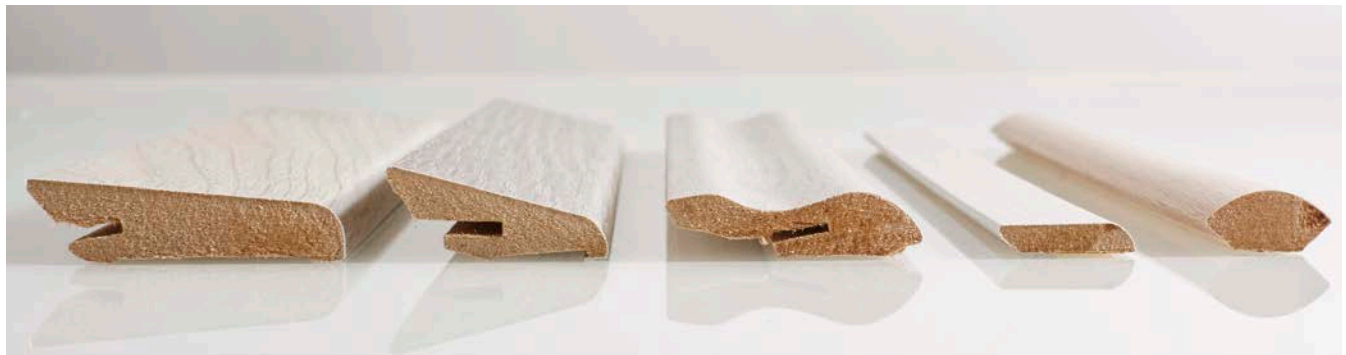
Jowat-Toptherm® 236.54 is a powerful all-purpose adhesive with numerous benefits supplied by Jowat:

- ✓ Reduced application amount and excellent adhesive yield due to the lower density of the unfilled PO hot melt (0.87 g/cm³).
- ✓ Excellent thermal stability and therefore minimised charring and cracking of the adhesive in the melt due to the polyolefin raw materials produced through so-called “metallocene catalysis”.
- ✓ High softening range at around 110 °C (measured on a Kofler bench) provides a high heat resistance of the bond. Depending on the used substrates and materials, the end product can have a heat resistance of over 100 °C.
- ✓ The PO hot melt adhesive has a broad spectrum of adhesion and facilitates the bonding of a wide diversity of standard laminating foils (finish foils, decor papers, or thermoplastic foils with a suitable primer coating).

Jowat-Toptherm® 236.54

Basic product for wrapping profiles made of solid wood, particleboard and MDF with resinated paper foils or thermoplastic foils (with an appropriate primer coating on the reverse side).

Polymer basis		PO
Viscosity at 190 °C	[mPas]	approx. 12,000
Density	[g/cm³]	approx. 0.87
Processing temperature	[°C]	160 - 200
Feed speed	[m/min]	15 - 80
Softening range (Kofler bench)	[°C]	approx. 110
Supply form		granulate



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.