

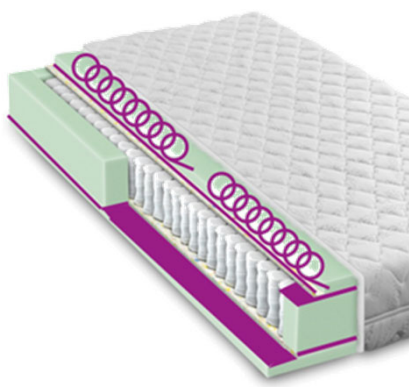
Strong bonds. High comfort with **VESTOPLAST®**



DESIGNED POLYMERS FOR HOT MELT ADHESIVES

VESTOPLAST® properties

Melt viscosity @190 °C	[mPa*s]	2.400 – 28.000
Softening point (R&B)	[°C]	84 – 161
Needle penetration	[1/10 mm]	5 – 24
Open time		<2 sec – >10 min
Elongation @ break	[%]	40 - 550
Tensile strength	[mPa]	0,5 - 6,8



VESTOPLAST® product profile

VESTOPLAST® is an amorphous poly-alpha-olefin (APAO), used as a raw material for hot melt mattress adhesives like construction or pocket spring.

You can use a combination of different grades to fulfill the specific requirements of this application. The excellent compatibility to different additives help to adjust the formulation to your needs with the right polymer backbone.



VESTOPLAST® 703 applied @150 °C with 50% N₂

APPLICATION METHODS

All VESTOPLAST® based formulations can be applied with different application technologies. Various spray patterns, slot, roller coat or beat application are possible between 120 and 180 °C. Also the growing foaming application offers a new variety of possibilities to increase the flexibility of your hot melt formulation by adding up to 70 % gas. The solved nitrogen in the polymer expands directly after application and creates a white, finely dispersed foam.

Benefits:

- Low odor
- Foam-able adhesives
- Excellent adhesion to various substrates
- Flexibility in open & setting time
- Low application temperature

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