



Formula 700

Polyamide Hot Melt Adhesive

DESCRIPTION

Formula 700 is a flexible, high performance polyamide hot melt with excellent adhesion to many difficult to bond substrates. It shows excellent performance over a broad temperature range and has an open time of 35 – 40 seconds.

NON-TOXIC

The components in Formula 700 have been analyzed by a qualified toxicologist and this product is certified to be non-toxic. Additionally, Formula 700 meets FDA CFR 175.105 adhesive requirements for indirect contact with food.

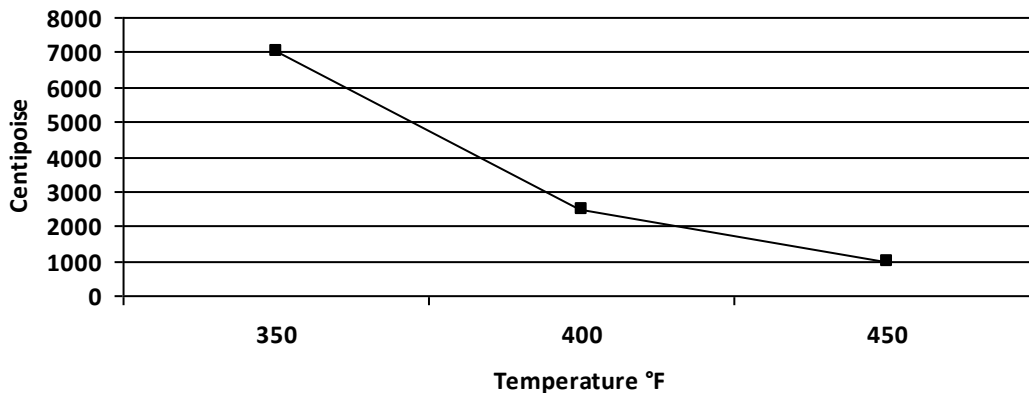
TYPICAL USES

Formula 700 is a high performance polyamide hot melt adhesive with excellent impact resistance at low temperature. It is recommended for demanding applications where substrates are exposed to temperature extremes. Furniture – softwood and hardwood, particle board, fir, toys, games, novelty assembly, luggage assembly, packaging, foundry sand cores.

PRODUCT SPECIFICATIONS

<u>PRODUCT SPECIFICATIONS</u>		<u>Test Method</u>
Softening point	290°F (143°C)	ASTM E28-67
Viscosity @ 350°F (177°C), centipoise	7000	Brookfield Thermosel
Specific gravity	0.99	ASTM 1475
% Elongation	400	ASTMD-1708
Yield tensile; psi	370	ASTMD-1708
Color gardner (40% Solids)	7 Max	N/A
Heat resistance	250°F (121°C)	AdTech
Shear tensile strength on pine, psi	210	ASTM D-1002
Adhesive tensile on PVC, psi	149	ASTM D-1344-78
Application temperature	380-440°F (193-227°C)	N/A
Low temp flex.	-10°F	AdTech
Flash ignition temperature	435°C	ASTM D-1929-96
Self ignition temperature	460°C	ASTM D-1929-96
Working Time (approx.) seconds	35-45	Ad-Tech

VISCOSITY PROFILE



APPLICATION

For optimum performance, Formula 700 should be applied in one of AdTech's reliable hand held hot melt applicators.

IMPORTANT NOTICE: All statements, technical information and recommendations contained herein are based on tests we believe to be reliable but the accuracy of completeness thereof is not guaranteed, and the user should determine the suitability of the product for the intended use. AdTech disclaims any responsibility for any warranties of merchantability and fitness for purpose, verbal recommendations of its representatives and consequential damages.

Adhesive Technologies, Inc. / 3 Merrill Industrial Drive, Hampton, NH 03842 USA / Tel: 603 926 1616 / Fax: 603 926 1780