



Formula 645

DESCRIPTION

Formula 645 is superior for carton closing. It is a high output low viscosity adhesive with excellent wetting and rapid set under compression. It is specifically formulated for bonding paper and cardboard.

NON-TOXIC

The components in Formula 645 have been analyzed by a qualified toxicologist and this product is certified to be non-toxic. Additionally, Formula 645 meets FDA CFR 175.105 adhesive requirements for indirect contact with food.

TYPICAL USES

Carton closing, quick temporary positioning of wooden components, cardboard, paper, porous substrates.

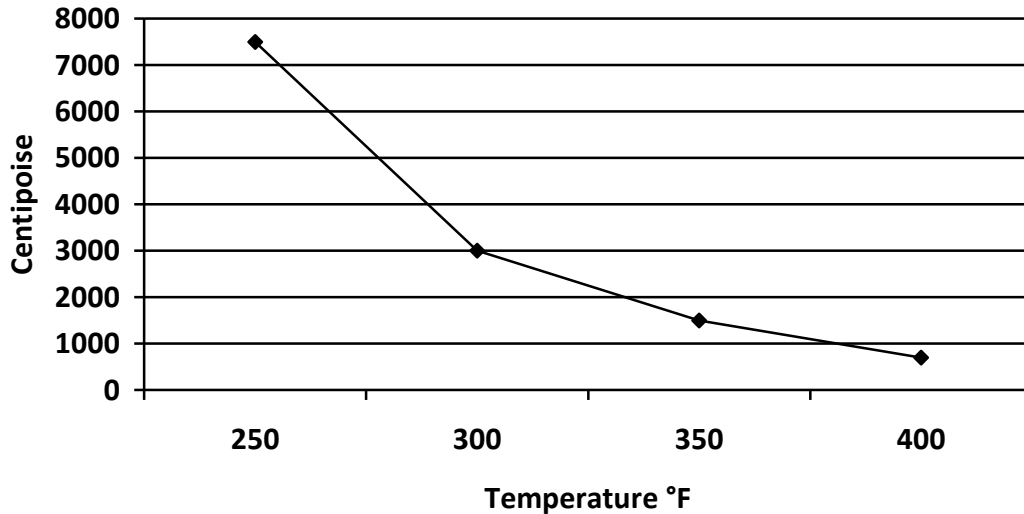
PRODUCT SPECIFICATIONS

Softening Point	230°F (114°C)
Viscosity @ 350°F (176°C), centipoise	1,100
Specific gravity	0.98
Shear tensile strength on pine, psi	725
Adhesive tensile on pine, psi	179
Adhesive tensile on steel, psi	55
Hardness @ 72°F (25°C)	97
Heat resistance	160°F (71°C)
Compression set time (seconds)	1-3

Test Method

ASTM E28-67
Brookfield Thermosel
ASTM 1475
ASTM D-1002
ASTM D-1344-78
ASTM D-1344-78
Shore "A"
AdTech
AdTech

VISCOSITY PROFILE



APPLICATION

For optimum performance, Formula 645 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