



Adhesive Technologies, Inc.  
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# Formula 220

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## DESCRIPTION

Formula 220 is a clear multi temperature hot melt capable of bonding craft materials, wood products, plastics including polyolefins. It provides medium working time (35-45 seconds) \*, at application temperatures between 250-400°F, giving superior bonds.

## NON-TOXIC

The components in formula 220 have been analyzed by a qualified toxicologist and are certified to be non-toxic under the ASTM D-4236 designation. Additionally, AdTech 220 meets FDA CFR 175.105 adhesive requirements for indirect food contact.

## TYPICAL USES

Speaker grills, jewelry case inserts, novelties, seashells, foams, knick-knacks, floral arrangements, craft and notions, fabric and apparel, films and plastics, porous substrates, upholstery/re-upholstery - double welt and gimp trim attachment.

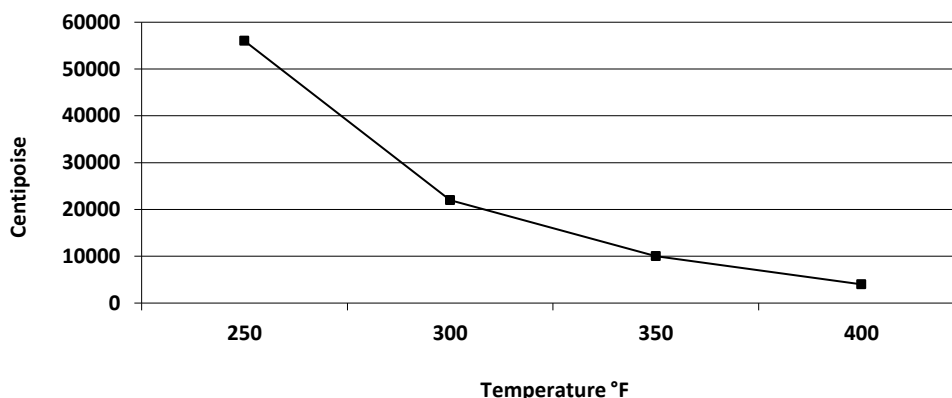
### PRODUCT SPECIFICATIONS

Softening Point °F (°C)	185°±10° (85±5°)
Viscosity @ 350°F (177°C), cps	8,800-11,800
Specific Gravity	0.98
Shear tensile on pine, psi	377
Adhesive tensile on pine, psi	235
Adhesive tensile on steel, psi	429
Hardness @ 72°F (25°C)	78
Heat Resistance °F (°C)	145° (63°)
Open Time, seconds (1/8" glue line) *	40

### Test Method

ASTM E28-67
ASTM D-3236
ASTM 1475
ASTM D- 1002
ASTM D-1344-78
ASTM D-1344-78
Shore "A"
AdTech
AdTech

### VISCOSITY PROFILE



## APPLICATION

For optimum performance, AdTech 220 should be applied using one of AdTech's reliable handheld 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.