Adhesive Technologies, Inc.
3 Merrill Industrial Drive · Hampton, NH · 1-800-544-1021 · adhesivetech.com

Formula 220

August 06, 2021

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

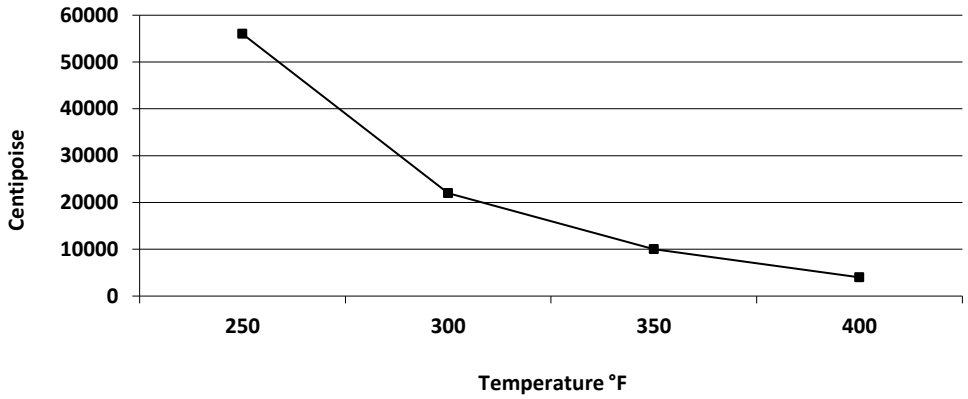
The components in formula 220 have been analyzed by a qualified toxicologist and are certified to be non-toxic under the ASTM D-4236 designation. Additionally, AdTech 220 meets FDA CFR 175.105 adhesive requirements for indirect food contact.

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		Test Method
Softening Point °F (°C)	185°±10° (85±5°)	ASTM E28-67
Viscosity @ 350°F (177°C), cps	8,800-11,800	ASTM D-3236
Specific Gravity	0.98	ASTM 1475
Shear tensile on pine, psi	377	ASTM D- 1002
Adhesive tensile on pine, psi	235	ASTM D-1344-78
Adhesive tensile on steel, psi	429	ASTM D-1344-78
Hardness @ 72°F (25°C)	78	Shore “A”
Heat Resistance °F (°C)	145° (63°)	AdTech
Open Time, seconds (1/8” glue line) *	40	AdTech

VISCOSITY PROFILE



APPLICATION

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