



Formula 271

DESCRIPTION

Formula 271 is an excellent hot melt adhesive for bonding metals and most plastics and has outstanding shock resistance even at low temperature. This high performance adhesive is extremely versatile and has a long working time (35-50 seconds).*

NON-TOXIC

The components in Formula 271 have been analyzed by a qualified toxicologist and this product is certified to be non-toxic. Additionally, Formula 271 meets FDA CFR 175.105 adhesive requirements for indirect contact with food.

TYPICAL USES

Trophy nameplates, luggage manufacturing, metal bonding, plastics, furniture, general product assembly.

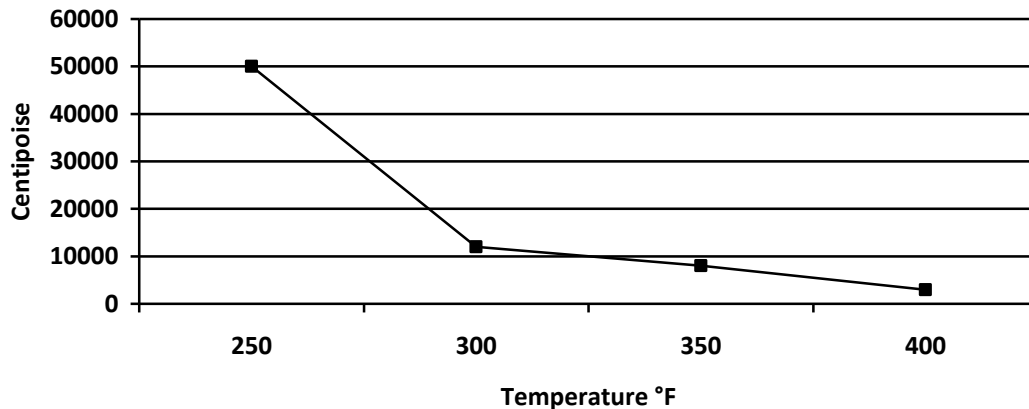
PRODUCT SPECIFICATIONS

Softening point	177°F (81°C)
Viscosity @ 350°F (176°C), centipoise	8,000
Specific gravity	0.98
Shear tensile strength on pine, psi	580
Adhesive tensile on pine, psi	256
Adhesive tensile on steel, psi	397
Hardness @ 72°F (25°C)	74
Heat resistance	134°F (57°C)
Open time (approx.), seconds	35-50

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 271 should be applied in one of AdTech's reliable hand held hot melt applicators.

- In typical use applications of 1/8" bead on fir.

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