

TYPE:

Polyamide Hot Melt Adhesive

PHYSICAL PROPERTIES:

Viscosity	5500-8500 cps at 225°C (437°F)
Color	Translucent Light Amber
Ring & Ball Softening Point	133-143°C (271-289°F)
Open Time	Moderate (40-60 seconds)
Application Temperature	249-266°C (480-510°F)
Color Gardner	7 Maximum
2% Modulus, psi	3,700
% Elongation	680
Ultimate Tensile Strength	730 psi
Yield Strength	410 psi
Water Absorption	1.2% after 1 day, 2.2% after 7 days
Temperature Creep Resistance	115-120°C (239-248°F)
Shore A Hardness	81

CHARACTERISTICS:

TECHNOMELT PA 6239 is a polyamide hot melt adhesive. This product is a versatile thermoplastic resin for bonding a variety of substrates. It possesses a good creep resistance at elevated temperatures with excellent bond strength at low temperatures, and exhibits good adhesion to a variety of substrates including wood, plastics, metals, ABS, and flexible vinyls. This product is manufactured from ingredients regulated under the FDA Code of Federal Regulations 175.105 (adhesives). TECHNOMELT PA 6239 is supplied in round bead form for ease and handling.

Handling and Application:

TECHNOMELT PA 6239 resin will pick up moisture from the air. This will not be obvious in the solid form, but could cause foaming as it is melted. Foaming could cause poor bonds. Close container tightly as soon as sufficient product has been removed for immediate use.

Precautions:

No health hazards are expected with this product in its solid form. Once melted, it is like any hot liquid in that it can produce severe burns. Care should be taken to avoid getting the hot liquid adhesive on the skin. If this occurs, flush the affected area with large amounts of cold water. Do not try to remove solidified adhesive from the skin. Seek Medical Attention immediately. Please refer to the Material Safety Data Sheet for further information. Safety glasses and insulated gloves are recommended for normal use conditions.

Storage Conditions:

When properly stores in a cool, dry location, with the container tightly closed when not in use, this product will have a shelf life of at least one year.

Note

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