



Macromelt® 6071

TYPE OF ADHESIVE: Polyamide Hot Melt Adhesive

FIELD OF APPLICATION: Product Assembly > Fabrics, Wood, Porous Substrates, Heat Sensitive Materials, Paper, Foil, Foam

TYPICAL TECHNICAL DATA:

Application Temperature:	107-135°C (225-275°F)
Color:	Clear Amber
Color Gardner:	7 Maximum
Open Time:	Long (80+ seconds)
Shore A Hardness:	86
Softening Point (R&B):	86-100°C (187-212°F)
Temp Creep Resistance:	72-77°C (162-177°F)
Ultimate Tensile Strength:	160psi
Viscosity:	500-1,000cps @ 160°C (320°F)
Water Absorption:	2.40% after 7 days
Yield Strength:	210psi
2% Modulus psi:	5,300
% Elongation:	50

APPLICATION:

MACROMELT® 6071 is a polyamide hot melt adhesive with a low softening point and viscosity. It has low activation and application temperatures and exhibits good oil resistance. This product is suitable for bonding fabrics, wood, porous substrates, and heat sensitive materials such as paper, foil and foams. It is manufactured from ingredients regulated under the FDA Code of Regulations 175.105 (adhesives). MACROMELT® 6071 is supplied in round bead form.

HANDLING:

MACROMELT® 6071 resin will pick up moisture from the air. This will not be obvious in the sold 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.

Safety glasses and insulated gloves are recommended for normal use conditions.

Please refer to the Material Safety Data Sheet for further safety information.

STORAGE:

When properly stored 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.

Shelf Life: 1 year

REV07