

**Type of Adhesive:**  
Polyamide Hot Melt Adhesive

**Field of Application:**  
Product Assembly > General, Paint Roller Assembly,  
Specialty Packaging, Leather

**Typical Technical Data:**  
**Viscosity:** 3500-5000 cps. at 210°C (410°F)

**Color:** Dark Amber

**Ring & Ball Softening Point:** 167-177°C (333-351°F)

**Open Time:** Short to Moderate (20-40 seconds)

**Application Temperature:** 210-232°C (410-450°F)

**Color Gardner:** 7 Maximum

**2% Modulus, psi:** 25,000

**% Elongation:** 200

**Ultimate Tensile Strength:** 1,200 psi

**Yield Strength:** 1,600 psi

**Water Absorption:** 0.3 after 1 day, 0.6% after 7 days

**Temperature Creep Resistance:** 150-162°C (302-325°F)

**Shore A Hardness:** 95

**Properties:**  
MACROMELT® 2192 is a high melting polyamide hot melt adhesive. This product exhibits good chemical and moisture resistance and is utilized for various applications such as paint roller assembly, specialty packaging and leather goods. It is an excellent adhesive for the filter industry. MACROMELT®TPX 16-192 is manufactured from ingredients regulated under the FDA Code of Federal Regulations 175.105 (adhesives).

**Handling and Application:**  
MACROMELT® 2192 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 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 two years.

**Note**  
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