



# MACROMELT® 6208N

The Macromelt® line of high performance thermoplastic polyamides is specially designed to meet all your molding process requirements. These products provide good adhesion to various substrates, require only low processing pressure due to their low viscosity, provide an excellent moisture and environmental seal, produce no toxic fumes and provide a good balance of low and high temperature performance.

## Typical Properties:

Color	Amber
Hardness	78 Shore A
Performance Temperature	-40°C to +130°C (-40°F to +266°F)
Softening Point	155 ± 5 °C ( 311 ± 9°F)
Molding Temperature	190 – 230°C ( 374 – 446°F)
Viscosity at 210°C (410°F), Centipoise	3600
Glass Transition	-42°C ( -44°F)
% Elongation at Rupture	600
Thermal Conductivity	0.15 W/(mC)
Density	0.98 g/cm <sup>3</sup>
Dielectric Strength	23 kV/mm
Volume Resistivity	1.6 x 10 <sup>11</sup>
Flammability Rating	UL 94 V-0

## Packaging:

**Macromelt 6208N** is supplied in round pellet form. It is supplied in multi-wall, foil-lined bags / 44 lbs. net.

## Handling and Storage:

**Macromelt 6208N** resin will pick up moisture from the air. Material from opened bags must be transferred to an air tight container. Shelf life is two years, when properly stored in a cool, dry location.

## Safety Precautions:

No health hazards are expected when **Macromelt 6208N** is in solid form. However, once melted it is a hot molten plastic that can cause severe burns. Appropriate safety precautions should be used, including insulated hand protection and safety goggles (*see material safety data sheet for more information*). If the molten plastic comes in contact with your skin, cool the affected area immediately with cold water. Do not try to remove the plastic from the skin. Seek medical attention immediately.

Information contained in this technical literature is believed to be accurate and offered in good faith for the benefit of the consumer. The company, however cannot assume any liability or risk involved in the use of it's chemical products since the conditions of use are beyond our control. Statements concerning the possible use of our products are not intended as recommendations to infringe on any patent. These products are for industrial use only.

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