

Kemamide® S-180

Stearyl Stearamide

Description

Kemamide® S-180 is a secondary fatty amide (stearyl stearamide). It is a white, free-flowing bead or powder which can withstand processing temperatures over 245°C (470 °F) without excessive decomposition.

Applications

Kemamide® S-180 fatty amide imparts slip and anti-block properties in thermoplastic resins and finds wide application where high processing temperatures are necessary

Product Specifications

Properties	Specifications
Acid Number	0.0 – 5.0
Total Amine Value	0.00 – 0.5
Gardner Color (1963)	0.0 – 2.0
Iodine Value	0.0 – 1.0
Closed Tube Melt Point °C	92.0 – 95.0

Typical Properties

These properties are typical but do not constitute specifications

Properties	
Flash Point °C (COC)	245

Available Forms

Bead

Packaging

Fiber Drum -100lbs (45.36kgs)

Super Sack - 1300 lbs (590kgs)

Safety and Handling

The Kemamide® fatty amide compounds are not primary skin irritants by the Draize Test (Federal Hazardous Substances Act). Avoid contact with skin and eyes.

Wear normal safety equipment, such as chemical safety goggles and rubber gloves when handling Kemamide® compounds. Wash hands after handling. In case of accidental eye contact, immediately flush with large amounts of water for at least 15 minutes and call a physician. If swallowed, call a physician.

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The Kemamide® fatty amide compounds are not regulated by the Department of Transportation (DOT). They are not corrosive and not flammable by DOT definitions. However, if these products are supplied in powder form, in-process dusting should be minimized, otherwise an explosive hazard could develop. Avoid all sources of ignition when handling this product.

If spillage or leakage should occur, remove with shovel. Waste disposal should be handled in accordance with federal, state and local regulations.

Please consult the Material Safety Data Sheet for additional information on safety, handling and storage before using this product. Contact PMC Biogenix, Inc. for copies of the MSDS for this product.

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Customer Service
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