

Kemamide® E 180

Stearyl Erucamide

Description

Kemamide® E-180 is a secondary fatty amide (stearyl erucamide). It is a white, free-flowing powder or bead which can withstand processing temperatures over 250°C (482 °F) without excessive decomposition.

Applications

Kemamide® E-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	0.00 – 0.60
Total Amine Value	0.00 – 10.00
Gardner Color (1963)	0.0 – 2.0
Iodine Value	41.0 – 47.0
Closed Tube Melt Point	72.0 – 75.0
Water %	0.00 – 0.25

Available Forms

Pellet
Powder

Packaging

Fiber Drum -100lbs (45.36kgs)

FDA Status

Kemamide® E-180 fatty amide is sanctioned by the U.S. Food and Drug Administration (FDA) under Title 21 of the Code of Federal Regulations (21 CFR) as indicated in the following sections:

Application	CFR Section
As release agent in petroleum wax complying with section 178.3710	175.3860
As release agent in polymeric resins that contact food	175.3860

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.

In case of accidental eye contact, flush with large amounts of water and call a physician. If swallowed, call a physician.

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.

The Safety and handling information listed above is intended to provide an overview only and is not intended to be an alternative to reading the MSDS for the product listed.

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.

PMC Biogenix, Inc.
1231 Pope Street
Memphis, TN 38108

Customer Service
800.641.2152 or 901.325.4930
Fax 800.641.2153