



JJAZZ[®] 4MA

FLAME RETARDANT PERFORMANCE SYSTEM

DATA SHEET

JJAZZ[®] 4MA-Non-Halogen Flame Retardant Performance System

Product Description

JJAZZ[®] 4MA Flame Retardant Performance System is a highly effective FR package utilizing unique amino phosphate flame retardant chemistry that is based on proprietary technology combined with a synergistic additive. **JJAZZ[®] 4MA** allows materials to consistently meet **extremely** difficult flame test standards such as **ASTM E84**. **JJAZZ[®] 4MA** is designed for use in environmentally friendly plastics applications. **JJAZZ[®] 4MA** is non-toxic and non-corrosive, offers excellent hydrolytic stability, has superior char forming, maximized heat deflection, low smoke characteristics and is easily works with UV stabilizers. **JJAZZ[®] 4MA** does not contain any heavy metal or gaseous halogen by products. The most recognizable feature of the **JJAZZ[®] 4MA** FR Performance System is its self-contained catalyst system, thus allowing for an overall lower FR use level and an improved physical property profile to the composition.

Applications

- Polyolefin plastics where efficiency at lower typical loading levels is a key consideration.
- Solvent based coatings, adhesives and paints
- Epoxy Compounds & Composite Materials
- Elastomeric Rubber applications
- In most applications loading levels of 34-42% will potentially achieve ASTM E84, depending on final formula and base resin or chemistry used.

Typical Properties	Typical Values
Appearance	Finely divided, free-flowing off-white powder
Specific gravity	1.30
pH	7.2
Bulk Density (g/l)	400
Decomposition (5%, nitrogen)	>240°C

Available in various particle sizes to fit many applications (4MA1-6 micron, 4MA2 2.5 micron, 4MA3-12 micron)

Health & Safety Information

Product health and safety information may be obtained from the Material Safety Data Sheet (MSDS). For a copy, please call 440-354-2551 or email at: kara.orpritz@jji-technologies.com. Before using any product, a customer is advised to review the MSDS of a respective product.

For more information or samples call:

1-877-JJI-FAQS (877-554-3277)

Or visit us online: www.jji-technologies.com