



# Data Sheet

## JJAZZ™ Non-Halogen Flame Retardant System

### Product Description

JJAZZ™ flame retardant is a highly efficient and most unique amino phosphate flame retardant system, based on proprietary catalyst technology and designed for use in environmentally friendly coatings and plastics applications. JJAZZ™ flame retardant is non-toxic and non-corrosive, offers excellent hydrolytic stability, has superior char forming and low smoke characteristics and is easy to UV stabilize. JJAZZ™ flame retardant does not contain any heavy metal or gaseous halogen by products and is compatible in most textile compositions. The most recognizable feature of the JJAZZ™ flame retardant is its self-contained catalyst system, thus allowing for an overall lower FR use level and an improved physical property profile to the composition.

### Typical Properties

Appearance  
Specific gravity  
pH  
Bulk density (g/l)

Available in various particle sizes to fit many applications

### Applications

- Polyolefin plastics where efficiency is a key consideration. In most applications loading levels of 20-35% achieve UL 94 V0 ratings (1/16" burn bar).
- Intumescent coatings, sealants, adhesives, epoxy potting compounds and some elastomeric/rubber applications.

### Typical Value

Finely divided, free-flowing white powder  
1.30  
7.2  
~400

### Health and 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.opritza@jji-technologies.com](mailto:kara.opritza@jji-technologies.com). Before using any product, a customer is advised to review the MSDS of a respective product.

JJAZZ™ flame retardant is a non-halogen flame retardant which does not contain heavy metals or phthalates.

### For more information or samples call:

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

OR visit us online: [www.JJI-Technologies.com](http://www.JJI-Technologies.com)