

# PolyFR™ JJAZZ

Polyolefin  
JJI Technologies, LLC

## Message:

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 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.

### Applications

Polyolefin plastics where efficiency is a key consideration.

Solvent based coatings, adhesives and paints

Epoxy compounds & Composite Materials

Elastomeric Rubber applications

In most applications loading levels of 20-35% achieve UL 94 V0 ratings (1/16" burn bar).

Materials using JJAZZ® have also met the following standards: ASTM E84, ISO 6722, UL 94 5V, UL VTMO, MVSS302, UL1581(VW-1)

General Information		
Additive	Flame Retardant	
Features	Flame Retardant	
	Hydrolytically Stable	
	Low Smoke Emission	
	Non-Corrosive	
	Non-Toxic	
Uses	Adhesives	
	Coating Applications	
	Compounding	
	Paint	
Agency Ratings	ASTM E 84	
	ISO 6722	
	UL 1581	
Appearance	White	
Forms	Powder	
Physical	Nominal Value	Unit
Specific Gravity	1.30	g/cm³
Apparent Density	0.40	g/cm³
Decomposition Temperature - 5% Nitrogen	> 240	°C
pH	7.2	
Flammability	Nominal Value	Test Method

Flame Rating

VTM-0

UL 94

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#### Recommended distributors for this material

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