



FREVA™ FA-101

Complex Fire Retardant

FREVA™ FA-101 is an eco-friendly halogen-free complex flame retardant. FREVA™ FA-101 can be used in olefin based polymer in process to improve fire retardant performance, as well as maintain the heat deflection temperature(HDT) and dimensional stability. FREVA™ FA-101 shows excellent compatibility with thermal set PU materials, and elastomers such as EVA, LDPE, HDPE, PP and their alloys, which are especially suitable for applications including wire and cable, electronics and building interior decoration.

Features

- Excellent Compatibility
- High Flame Retardant Performance
- REACH Compliant
- ROHS Compliant
- Halogen Free

Technical Data:

Item	Unit	Value
Appearance	--	White Powder
Particle Size	D50,um	15 max.
Specific Gravity	g/cm ³	0.55-0.75
PH value	10% suspension	5.5 - 7.5
Decomposition Temperature	°C	> 200
Phosphorus Content	%	24-26
Solubility in water	g/100ml	0.5 max.

Package

- Available in 10-kg/ bag and 25-kg/ bag

Values included in this data sheet are based on limited laboratory test specimens. These values are typical values and are not meant to be used for setting maximum or minimum values for specification purposes. Any determination of the suitability of the materials shown in this property data sheet for use by the end user is the sole responsibility of the user, who must assure themselves that the material as subsequently processed meets the need of his particular product or use. To the best of our knowledge the information in this publication is accurate and reliable, USI does not assume any liability whatsoever for the accuracy of this information.

USI Corporation

No.37, Ji-Hu Rd., Nei-Hu Dist., Taipei City 11492, Taiwan

(886-2)-8751-6888 www.usig.com