

Manufacturing Insight EFR-2 Enhanced Fire Retardant Additive

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer

Material Notes:

EFR-2 is a highly efficient patented phosphate-based halogen-free fire retardant intumescent additive. It is pH neutral and water insoluble. EFR-2 is recommended for use in both interior and exterior exposures especially in thermoplastics such as polypropylene, polyethylene and PVC, but also polyvinyl acrylate, styrene acrylates and PVA emulsions. Applications where EFR-2 has found utility vary greatly from waterborne paints and adhesives to wire and cable jackets. EFR-2 is halogen-free, contains no metals, PBDEs, PBBs or other brominated compounds and does not evolve the highly toxic and corrosive gasses associated with many other fire retardant compounds. EFR-2 is a RoHS/WEEE compliant material. Flame spread and smoke developed values (ASTM E-84) typically around 10/10., as well as compliance with UL 94 VO, FAR 25.853 and IMO MSC.41.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Manufacturing-Insight-EFR-2-Enhanced-Fire-Retardant-Additive.php

Physical Properties	Metric	English	Comments
Solubility in Water	<= 1.0 %	<= 1.0 %	At 25°C
Particle Mesh Size	325 Mesh	325 Mesh	100% through
pH	7.0 - 7.6	7.0 - 7.6	

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-0	V-0	

Descriptive Properties	Value	Comments
Appearance	Very fine free flowing white powder	
Purity	99% Minimum	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China