

IRON BENZOATE

Technical Datasheet

Product Information: Ferric Benzoate has several applications. Raw material for the production of pigments for the porcelain industry. Antifouling agent (Patent No: WO2012001027 A2) also used in Marine Antifouling Coatings. it is used as water insoluble cross linking agent in polymer emulsions used to make polymer film (US 5502089)

Chemical Name	FERRIC BENZOATE		
Grade Name	IRON BENZOATE		
CAS No.	14534-87-3		
EINECS No.	238-566-8		
Molecular Formula	C ₂₁ H ₁₅ FeO ₆		
Synonyms	<ul style="list-style-type: none"> • BENZOIC ACID,IRON(3+)SALT • TRIBENZOIC ACID IRON(III) SALT • IRONTRIBENZOATE 		
TEST	SPECIFICATION	METHOD	
Appearance	Form: Powder Colour: Pinkish-brown	Visual	
Purity by Fe content	> 98.0 %		
Fe content	30 - 32 %	By Titration	
Moisture Content	< 1.5 %	KF Titration	
Solubility at	Solvent	Solubility (gm/100ml)	Visual
	Water	Insoluble	

Product Applications:

- 1.Raw material for the production of pigments for the porcelain industry.
- 2.Used as catalyst in manufacture of vinyl chloride, polyethylene, styrenes, and polypropylene using Fluidised Bed Reactors.
- 3.Catalyst in Artificial hair weaving composition based on Silicon.

Product Benefits:

- 1.Indicator in tamper proof wrappers or packaging.

Product Dosage: We strongly recommend testing of your own system under the actual conditions of processing and end-use prior to full scale testing. Exact loading must be determined by compositions of the specific polymer systems.

Polymer Details	Suggested dosage
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Product Handling & safety:

Please refer to our product MSDS for specific instructions on handling this product.

Product Registration: It is not recommended for food contact polymers.

Title:

Chapter:

Subchapter:

Part:

Subpart:

Section:

Product Disclaimer

Important : This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence breach of warranty, strict liability, and tort or contract arising in connection with product(s). Buyer's sole remedy and Seller's sole Liability for any claims shall be buyer's purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its intended conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or for use for which implantation within human body is intended.