

Technical Data Sheet

Name: IFCA-250HBR

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Product Description

IFCA-250HBR (HEC) is a nonionic, water-soluble polymer that is a white, granular powder with excellent flowability. The product is insoluble in organic solvents, but is extremely easy to disperse and dissolve into aqueous solutions of various viscosities in cold or hot water. HEC can be chemically synthesized to obtain the desired properties. The product is resistant to enzymatic contamination, thereby preventing the resulting microbial degradation.

IFCA-250HBR is Infinechem's recommended thickener for latex paints, offering excellent resistance to biodegradation, as well as thickening efficiency, color development, open time and can opening stability.

It can be applied as a thickener, protective colloid, binder, stabilizer and suspending agent, especially where non-ionic materials are used. "H" is the viscosity grade for cellulose ethers. All viscosity types of products can be well dispersed. It has a hydration-delayed surface treatment, thus avoiding agglomeration and gel formation when the dry powder is added to water.

Characteristic data*

Property	Value	Unit
Moisture content	5	%
Ash content (sodium sulfate)	5.5	
Color	White to camel	
Hydration time at pH 8.0	4-25	min
Solution PH (1%)	6.0-8.5	
Viscosity	1500-2500	
Density	11.5	lb/gallon
	1.38	g/ml
Particle size	90 (Through U.S. 40 screen, min.)	%

*These properties are typical but do not constitute specifications.

IFCA-250HBR



Storage

The product should be stored in dry condition between 10~35°C with the integrity of the packaging, and prevented from direct sunlight. The validity of this product is for 6 months, performance assessment is recommended before use after shelf life. The product should be protected from freezing during storage. It is suggested to filter before application and use up once the package is open.

Disclaimer

Foshan Shunde Infinechem Co., Ltd. recommends that customers should check with Materials Safety Data Sheet (MSDS) for details about safety instructions. We also suggest that you contact the suppliers of other materials used in our recommended formulations and consult appropriate health and safety regulations prior to use. The information contained herein is believed to be reliable. However, nothing in this technical sheet should be considered as a representation of warranty, express or implicit, regarding the product characteristics, application, quality, safety, merchantability or fitness for a particular purpose. Nothing contained herein is to be considered as permission, recommendation, nor as an inducement to practice any patented invention without permission of the patent owner.