

Technical Data Sheet

HPEG-1088 V2.0 23-07-31

Product Description

HPEG1088 is methyl Allyl group polyoxyethylene ether, which is a polycarboxylic acid based superplasticizer monomer. As the main raw material used in polycarboxylic acid based cement water reducing agents, the synthesized polycarboxylic acid high-efficiency water reducing agent has strong ability to maintain cement particle dispersion, making the product have characteristics such as low dosage, high water reduction rate, good reinforcement effect, durability, non rusting steel bars, and environmental friendliness.

Application

It can be applied in high-performance, high-strength (C60 or above) commercial concrete for on-site mixing and long-distance transportation.

Technical Data/Typical Properties

Parameter	Unit	Specification	TestMethod
Appearance	/	White flake solid	Visual
Degree of unsaturation	%	≥0.33	GB/T 11275
Hydroxyl value	mg KOH/g	19-21	GB/T 7383
PH value	/	6.00-8.00	GB/T 6368
Double bonds retention	%	≥96.00	GB/T 12008.6

Package and Storage

Package :
25KG/Woven Bag

Storage :

This series of products is non-toxic and difficult to ignite. They can be stored and transported as general chemicals. They should be stored in a dry, cool, and ventilated place. During transportation, direct sunlight and rain should be avoided as much as possible.

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