

Technical Data Sheet

TPEG108V2.0 23-07-31

Product Description

TPEG108 is Isopentanol Polyoxyethylene Ether, which is a kind of Polycarboxylate Superplasticizer Monomer. This product is the important raw material for polycarboxylate superplasticizer which is formed by the macromonomer copolymerize with acrylic acid. Despite of its fair dispersing ability to cement, it behaves a continuous ability in slump retention.

Application

The synthesized copolymer (PCE) has high dispersibility, good slump retention, good enhancing effect and durability, also is environmentally friendly and widely used in premixed and cast-in-place concrete.

Technical Data/Typical Properties

Parameter	Unit	Specification	TestMethod
Appearance	/	White flake solid	Visual
Degree of unsaturation	%	≥0.36	GB/T 11275
Hydroxyl value	mg KOH/g	22-25	GB/T 7383
PH value	/	6.00-8.00	GB/T 6368
Double bonds retention	%	≥90.00	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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