New Technology Leads the Future



SUPER-1300 Block hyper-dispersant

Overview

SUPER-1300 is a block copolymer super dispersant primarily used for dispersing and stabilizing pigments in solvent-based coatings and ink systems. It enhances dispersion, prevents pigment flocculation, and increases color development, coverage, and gloss.

Physicochemical Properties

Appearance	Yellow-brown liquid	Composition	High molecular weight synthetic copolymer
Solid Content	50.0±2.0 %	Solvent	NBAC
Density	0.90 g/ml		

Characteristics and Advantages	It is an A-B-A & B-A-B block copolymer super dispersant that rapidly removes surface moisture and air from pigments. Its multi-anchor structure tightly adheres to pigment surfaces, forming stable covalent bonds. The stable extending chains prevent pigment flocculation and agglomeration, reducing the viscosity of paint slurries and increasing pigment loading.	
	• Enhances flowability during grinding.	
	• Shortens grinding time, improving productivity.	
	 Particularly effective for dispersing high surface area organic pigments, carbon black, and nano-scale fillers. Effectively prevents flocculation and agglomeration of 	
	pigments during storage.	
	 Economical product. 	
Dosage	 Before grinding, add: For inorganic pigments: 1.0-5.0% For organic pigments: 5.0-20.0% 	
Application	Solvent-based inorganic and organic pigment systems.	
Precautions &Storage	Store between 0-40 $^{\circ}$ C in a cool, well-ventilated area. Keep containers tightly sealed and away from heat and sources of ignition.	
Safety	Refer to MSDS	
Packaging	25 KG/barrel	

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For further detailed information, please contact our company directly.

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 parameters within the scope of process advancements or product development. Due to the wide range of processing conditions and raw material combinations beyond our control, users are advised to conduct suitability tests before production.