New Technology Leads the Future



Overview

NTA-1104 is a wetting and dispersing agent primarily used in PU dry systems and color pastes. It enhances pigment dispersion, addressing issues such as floatation and color separation.

NEW-TECHEM Good Materials + Good Application = Good Products

Physicochemical Properties

Appearance	Yellow-brown liquid	Composition	HighMolecularWeightCarboxylicAcidandSiloxaneCopolymer
Non- volatile Content	50.0 ±3.0%	Solvent	XYL/DIBK
Density	0.94 g/ml	Acid Value	150 mg KOH/g

Characteristics and Advantages

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	• Reduces interfacial tension by adsorbing onto the pigmer surface through polar groups.		
	• Due to its multifunctional structure, NTA-1104 achieves controlled flocculation of pigments and base materials, enhancing pigment float resistance and bloom performance.;		
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	• Prevents pinholes, improves gloss, and enhances the		
Dosage	orientation of metallic pigments and matting agents.		
	For inorganic pigments: 0.3-0.6%		
	For organic pigments: 1.0-5.0%		
	For preventing floatation and bloom: 0.3-0.8% of the total formulation.		
Application	PU leather, PVC leather, coatings, footwear materials, inks, fabric processing.		
Precautions &Storage	Store between 0-40 $^{\circ}$ C in a cool, ventilated place.		
	Keep the container tightly sealed and away from heat and fire sources.		
Safety	Refer to MSDS		
Packaging	25 KG/barrel		

NEW-TECHEM

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.