

off-white powder

Overview

AN-823 is a nanocomposite wear-resistant powder that enhances the product's scratch resistance, abrasion resistance, and stain resistance.

Composition

JEW-TECHE

Al₂O₃/SiO₂

Physicochemical Properties

Appearance

Properties				
	Solid Content	≥99.0 %	Solvent	None
	Density	2.5 g/ml	Oil absorption	≈33 g
	Particle size	1-2 um	Hardness	7-8 (Mohs)
Characteristics and Advantages	Water-oil compatible nanocomposite material, suitable for various processing techniques and construction environments.Enhances product cleanliness, scratch resistance, abrasion resistance, flex resistance, stain resistance, and surface self-cleaning properties.Due to its high specific surface area, this product requires the use of super dispersants in certain industrial processes.			
Dosage	Exhibits good suspension properties, with low tendency to settle.Can fill the gaps between matting agents, promote the alignment of matting powders, and reduce the amount of matting agent needed.1-10% of the total volume.			
Application	Coatings, inks, leather, plastics (TPE/TPR, FRP systems, engineering plastics), rubber (tires, seals), ceramic sanitary ware.			
Precautions & Storage	Keep packaging sealed to prevent contact with moisture.			
Safety	Refer to MSDS			
Packaging	30 KG/Barrel			

For further detailed information, please contact our company directly.

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The information provided is compiled based on our current knowledge and is intended for reference only. No guarantees are made. We reserve the right to modify product 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.