

01 — Extra Fine N

Extra Fine N Aluminum Paste

PRODUCT DESCRIPTION

Extra Fine N is an ultra-fine particle size, high opacity, non-leafing aluminum pigment for solvent-based general industrial coatings. Due to the small particle size, this grade is well suited for imparting high opacity at low loading levels. This grade is not recommended for use with chromatic pigments, as it will not produce clean coloristic effects.

-Non-leafing

-Cornflake

PRODUCT APPLICATION

This grade is for use in industrial coatings, coil coatings, and interior can coatings.

TECHNICAL DATA

Grade	400 mesh grade
Screen Analysis (Max Retained)	0.1%
Non-Volatile By Weight (Target)	65% by weight
Non-Volatile By Volume (Calculated)	35.3% by volume
Particle Size-Microns (Target)	7
Specific Gravity	1.47
Weight Volume (lbs/gallon)	12.35
Weight Volume (kgs/liter)	1.47
Solvent	Mixture of mineral spirits and high aromatic

INCORPORATION GUIDELINES

The paste should be pre-soaked in a solvent at a paste:solvent ratio of between 1:1 to 3:1. Pre-soaking generally takes from one to eight hours. Finer grades typically take longer than coarser grades. Use low shear, slow speed mixing to achieve a smooth consistency free of agglomerates. High shear dispersion techniques should be avoided, as they will distort the aluminum flakes.

SAFETY AND HANDLING

Aluminum pigment should be stored in the original shipping container and kept tightly sealed. Store containers in a cool, dry, well-ventilated, and properly rated area. Avoid any conditions that will suspend or float the particles in the air, creating a dust cloud. Avoid all possible sources of ignition. For additional information, please refer to the Safety Data Sheet (SDS) for this product, available from Silberline upon request. An SDS is supplied with all samples of this grade.

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