

TUFFLAKE® Premier 018 Aluminum Pigment

PRODUCT DESCRIPTION

TUFFLAKE Premier 018 is a medium particle size, very bright, circulation-resistant silver dollar aluminum pigment. It offers a bright face and a dark flop with a clean, brilliant sparkle. This product is recommended for use in high quality automotive finishes and on automotive component parts where good hiding and improved chromatic pigment development are required.

Circulation-Resistant
Regular Purity
Non-leafing
Silver Dollar
OEM/Refinish

PRODUCT APPLICATION

TUFFLAKE Premier 018 is applicable for use in automotive OEM, refinish, and wheel coatings. It is a circulation-resistant aluminum pigment specifically designed to withstand mechanical forces and maintain its target appearance. It performs well in both electrostatic Bell and air assisted applications. It is recommended for base coat/clear coat finishes resulting in high gloss.

TECHNICAL DATA

Grade	325 mesh grade
Screen Analysis (Max Retained)	0.01%
Non-Volatile By Weight (Target)	78% by weight
Non-Volatile By Volume (Calculated)	51.8% by volume
Particle Size-Microns (Target)	18
Specific Gravity	1.79
Weight Volume (lbs/gallon)	14.91
Solvent	Mixture of Mineral Spirits and High Aromatic
Bulking Gallons Pounds	0.067

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 MSDS for this product, available from Silberline upon request. A Material Safety Data Sheet is supplied with all samples of this grade.

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