

50724 Aluminum Glitter, black

Aluminum Glitter coated with epoxy resin.

Chemical composition: Aluminum alloy AA8079 according to EN 537-3:2007

Aluminum: approx. 90 wt.-%

Coating: Epoxy coating: approx. 10 wt.-%

Buildup*:



*Beschichtung: layer

Appearance: black

Physical Properties:

Size: 0.004" (0.406 mm)

Form: hexagonal, rectangular, square, fibrous

Density (Al): 2.7 g/cm³

Thermal resistance: < 600°C

Solvent Resistance: Due to the chemical properties, the product is resistant to all organic solvents.

Solvent	Resistant
Alcohol (methanol, ethanol, isopropanol)	resistant
Aliphatic hydrocarbons (hexane)	resistant
Aromatic hydrocarbons (benzol)	resistant
Ketones (acetone, MEK)	resistant
Water	resistant

UV Resistance

The direkt UV radiation does not show any changes.

pH Stability

The application in basic media / systems should be avoided since the high pH value can attack and thus destroy the aluminum. This can lead to restrictions in the functionality of the product.

Fields of Application

High-temperature applications > 160°C especially for master batches and as effect pigment for the extrusion of different plastic parts and materials.