

**Pigments for Coatings  
Technical Data Sheet****Variocrom<sup>ä</sup> Magic Gold L 1400**

**Chemical Nature** Luster pigment with color shifting properties based on multiple coated aluminum.

**Color travel** From greenish gold to reddish grey

**Main Application Fields** High quality automotive finishes and industrial paints.

**Physical form** Powder

**Storage** Unlimited

**Physical Properties**

Density 2.2 g/cm<sup>3</sup>  
Bulk volume 2.0 (L/kg)  
Specific Surface (BET) Ca. 1.0 m<sup>2</sup>/g  
Conductivity < 20 µS/cm  
pH range 5 - 7  
Heat Stability > 450 °C (Silicon Resin)

**Chemical Resistance** basecoat/clearcoat

HCL 2% 5  
NaOH 2% 5

**Fastness to overcoating** 5 (160°C)

**Particle Size CILAS** D 50 15–20 µm

**Dispersion**

80 p. Binder solution (approx. 50 sec. DIN 4 mm)  
20 p. Effect Pigment

stir for 15 minutes at low speed  
Pigment content in final paint approx. 3-5%

**Please note: If the image clarity (DOI) does not meet your requirements, we recommend increasing the thickness of clear-coat or reducing pigment load.**

This information is based on our current knowledge and experience.