



METALURE®

METALURE® Quantum –
strong in brilliance,
strong in pigment technology

A member of  ALTANA

 **ECKART**
Effect Pigments



METALURE® Quantum – strong in brilliance, strong in pigment technology

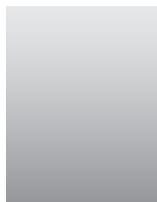
METALURE® **Quantum** are highly brilliant, non-leafing PVD aluminum pigments. These extremely fine pigments provide impressive silver gloss as well as many technical benefits:

- premium gloss: up to 50 % more gloss than comparable products, measured in both 20° and 60° angles
- very low scattering for even more brilliant chrome-like effects
- color shift in all angles – to a more bluish shade
- lowest sieve residue
- improved intercoat adhesion on all substrates tested with this pigment group
- optimized particle size distribution

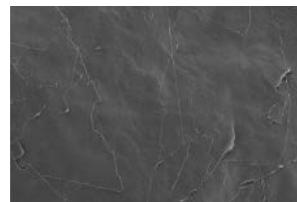
METALURE® **Quantum** pigments are recommended for high-end coatings, such as consumer electronics, plastic coatings, car interior, wheel rims and decorative purposes. The product series is also ideally suited for mirror effects in all kinds of printing applications.

METALURE® Quantum Type	Solid content (%)	D10 [µm]	D50 [µm]	D90 [µm]	Solvent	Shelf life
210100MA	9.95 – 10.15	3.00 - 6.00	9.50 – 12.00	<= 25.00	methoxy propyl acetate	12 months
210160MA	9.95 – 10.15	6.00– 10.00	15.50– 16.50	<= 36.00	methoxy propyl acetate	12 months
510105BG	9.95 – 10.15	3.00 - 6.00	9.50 – 12.00	<= 25.00	butyl glycol	12 months

METALURE® Quantum color range



← METALURE® **Quantum** 210100MA
 ← METALURE® **Quantum** 210160MA
 ← METALURE® **Quantum** 510105BG



SEM picture:
METALURE®

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