



METALURE®

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

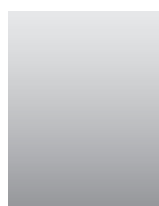
METALURE® **Quantum** are highly brilliant, non-leafing PVD aluminum pigments. These extremely fine pigments provide impressive silver gloss as well as many technical benefits:

- 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:
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