



METALURE® C

Chrome effects with superior
clarity of image



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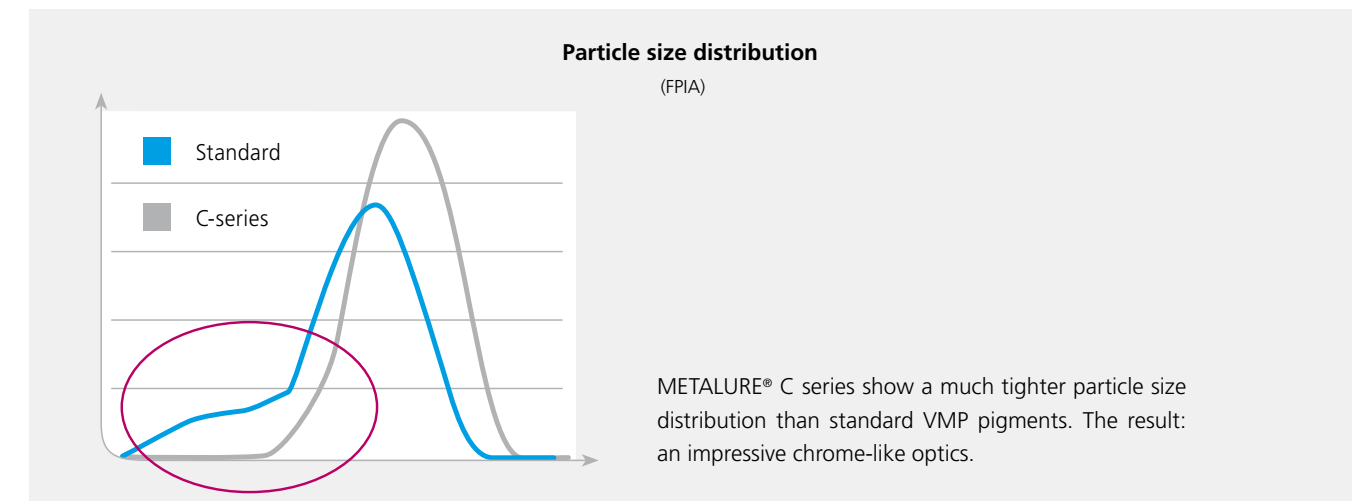
New dark grades for full color range of superior gloss VMP pigments

METALURE® C is ECKART's latest innovative product series, based on vacuum metallized pigments (VMP), also known as physical vapor deposition (PVD) pigments. The key advantage of the **METALURE® C series** is its **superior image clarity**. It also offers optical enhancements in terms of brilliance and gloss, with ultimately smooth, highly uniform finishes. It achieves highly brilliant light-to-dark mirror effects, closely resembling metallized substrates, and can be used as a replacement for electroplating processes.

METALURE® C is ideally suited for solvent-based coatings in consumer electronics, automotive trim (both interior and exterior), and wheel rims, as well as for printing applications such as flexographic and gravure printing. In ink formulations, **METALURE® C** types guarantee high-quality prints with perfect mirror optics, no haziness, and outstanding image clarity.

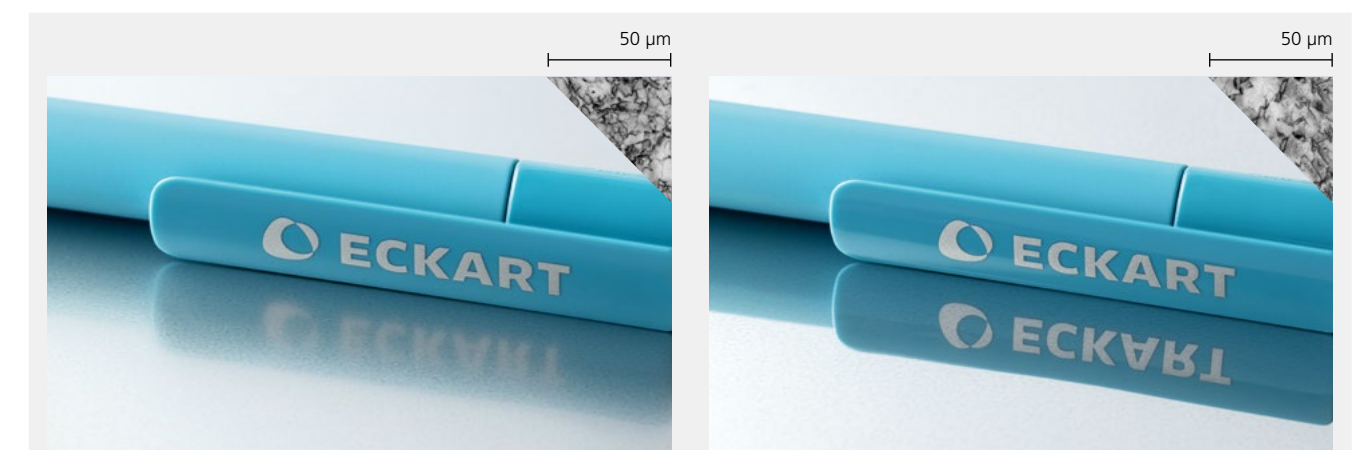
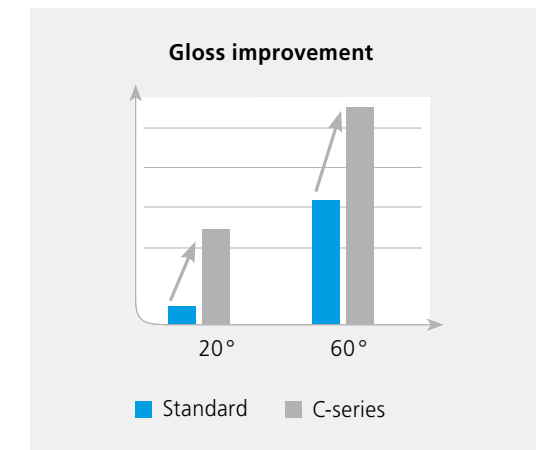
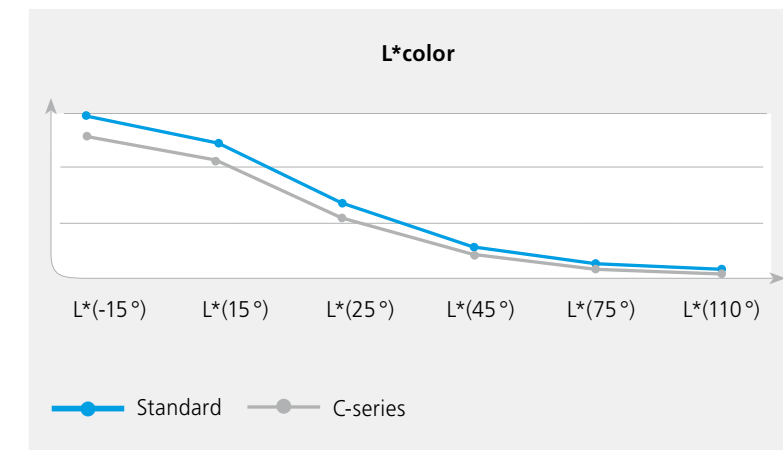
Properties

- Optimized chrome effects with superior image clarity
- Sophisticated particle sizing technology
- Two sizes available: regular and smaller particle size distribution
- Minimum of finest particles
- Highest gloss
- Minimum haze for the best chrome-like appearance
- Lowest sieve residue to minimize film formation defects
- **NEW:** Full color range from light to dark, available in three different grades



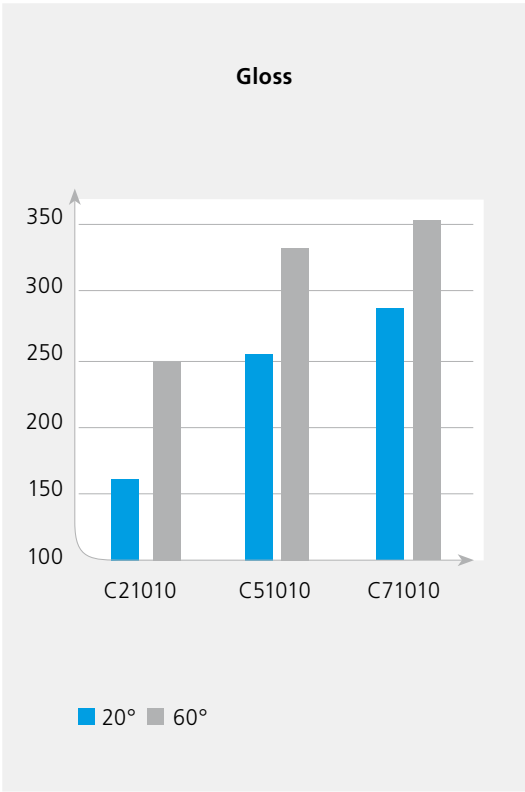
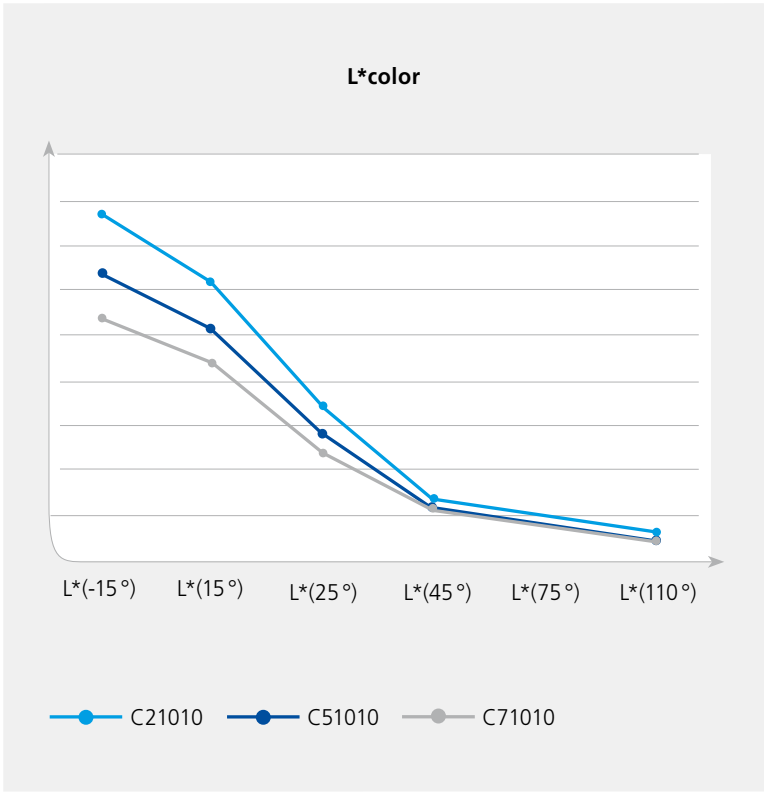
Optical properties – comparison with standard grades

The optical impression of the **METALURE® C series** shows a pure metal-like look, which is demonstrated by lower L* values in low angles and significantly higher gloss values in both 60° and 20° angles in comparison to other standard VMP products.



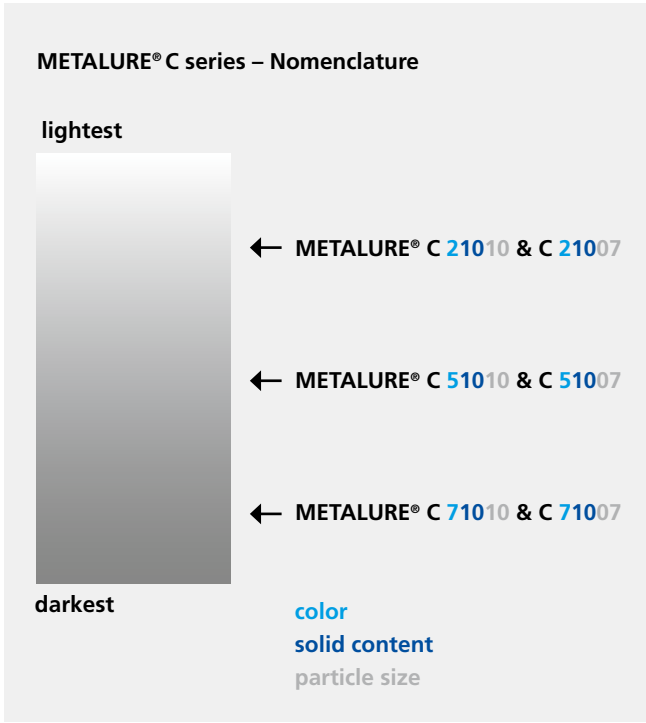
The original object, which is reflected in a transparent plastic substrate coated with a standard VMP (left) and METALURE® C – series (right). The C series shows significantly higher clarity of image compared to the standard VMP.

New dark METALURE® C7 grades complete our METALURE® C series



Technical Information

	Material No.	NVM %	D50 (µm)	Solvent
METALURE® C-21010 AE	026360...	10	9-11	Ethyl acetate
METALURE® C-21010 MA	026361...	10	9-11	Methoxy propyl acetate
METALURE® C-21007 AE	026737...	10	7-8.5	Ethyl acetate
METALURE® C-21007 MA	026738...	10	7-8.5	Methoxy propyl acetate
METALURE® C-51010 AE	026290...	10	9-11	Ethyl acetate
METALURE® C-51010 MA	026289...	10	9-11	Methoxy propyl acetate
METALURE® C-51007 AE	026559...	10	7-8.5	Ethyl acetate
METALURE® C-51007 MA	026560...	10	7-8.5	Methoxy propyl acetate
NEW: METALURE® C-71010 AE	028285	10	9-11	Ethyl acetate
NEW: METALURE® C-71010 MA	028286	10	9-11	Methoxy propyl acetate
NEW: METALURE® C-71007 AE	028544	10	7-8.5	Ethyl acetate
NEW: METALURE® C-71007 MA	028547	10	7-8.5	Methoxy propyl acetate



Available solvents:

AE ethyl acetate
MA 1-methoxy 2-propanyl acetate
We will be glad to provide other solvents on request.



ECKART GmbH
Guentersthal 4
91235 Hartenstein, Germany
Tel +49 9152 77-0
Fax +49 9152 77-7008
info.eckart@altana.com
www.eckart.net

With compliments

ECKART America Corporation
830 East Erie Street
Painesville, Ohio 44077, USA
Tel +1 440 954-7600
Fax +1 440 354-6224
Toll-free: 800 556 1111
info.eckart.america.oh@altana.com
www.eckart.net

ECKART Asia Ltd.
Room 701-3, 7th floor C C Wu Building
302-308 Hennessy Road
Wan Chai, Hong Kong
Tel +852 3102 7200
Fax +852 2882 5366
info.eckart.asia@altana.com
www.eckart.net

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