



金属效果铝银浆 Aluminium pastes for metallic effects

色特丽和色特亮是全球领先的金属效果颜料生产商爱卡专门为中国和亚洲市场创立的两个铝银浆品牌。产品由爱卡特殊效果颜料(珠海)有限公司在中国生产。

秉承爱卡高品质铝银浆的理念并立足于中国市场的要求。色特丽和色特亮采用和德国相同的设备和技术生产。它们与爱卡其它品牌的金属效果颜料一样可以广泛应用于各种涂料领域。特别推荐用于中国汽车涂料和工业涂料。

在提供稳定的色特丽和色特亮产品同时,我们也为客户提供创新、专业的技术服务。通过设立在珠海和上海的技术应用实验室,我们可以和客户共同研发涂料新产品,提供及时、灵活、并且以市场为导向的解决方案。

色特丽和色特亮铝浆特别适用于

工业涂料

- 底涂
- 卷钢涂料、罐听涂料

汽车涂料

- 汽车原厂漆
- 汽车修补漆
- 部件漆

金属效果涂料

装饰涂料

- 普通喷漆
- 自助装饰漆等

其它涂料

- 纸张涂布
- 织物涂布
- 塑料涂料

Siltallic® and Siltallux®, are brands of two new series of Aluminium Pastes manufactured by ECKART, the leading international manufacturer of metallic pigments. Produced by ECKART Zhuhai Co., Ltd. South China, Siltallic® and Siltallux® are specifically developed for the China and Asian markets.

In accordance with ECKART's philosophy of high quality Aluminium Pastes, Siltallic and Siltallux are developed and manufactured using the same production equipment and expertise taken from our German operations. Siltallic and Siltallux are suitable for a large variety of coating applications, specifically in Automotive and Industrial Coatings.

To support our product offering, ECKART provides innovative and professional technical services to our clients. With technical application laboratories established in Zhuhai and Shanghai, ECKART is suitably positioned to work on joint projects together with our clients providing on-time, flexible, market orientated solutions.

Siltallic and Siltallux Aluminium pastes are ideal to be used in

Industrial coatings

- Primer
- Coil coatings, Can coatings

Automotive coatings

- OEM coatings
- Refinish coatings
- Accessories

Metal effect coatings

Decorative coatings

- Aerosols
- Diy etc.

Miscellaneous coatings

- Paper coatings
- Textile coatings
- Plastic coatings



谨致友好问候
With compliments

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STAPA®

[®]色特丽

[®]色特亮

[®]Siltallic

[®]Siltallux

应用于涂料行业的铝浆颜料

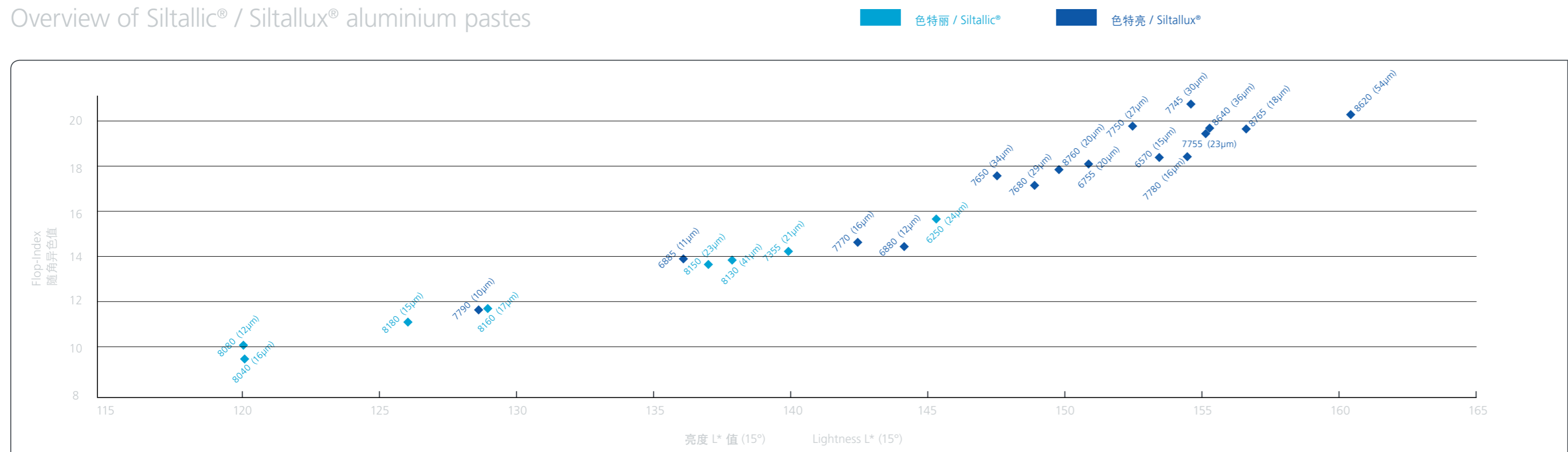
Metallic aluminium pigments for the
paints and coatings industry

A member of ALTANA



色特丽 / 色特亮铝银浆一览

Overview of Siltallic® / Siltallux® aluminium pastes



说明

1. 以上图表同时显示了各规格颜料的粒径、亮度值和随角异色值。
2. 铝颜料的特性以其对光线直接反射的随角异色效果来衡量。该种直接反射的亮度值常被称为 L* 值。
3. 通常使用 5 角度或 6 角度分光光度计来测定涂层的光反射性以及色值。
4. 肉眼对颜色的感受很大程度上取决于反射光线和观察角度之间的夹角。光源固定时，不同的物体放置位置以及不同的观察角度都会带来视觉上不一样的亮度和色泽变化。

5. 以上图表的测量条件为：
 - 测试涂料：丙烯酸聚酯体系，添加 CAB，低固含量，施工粘度约 20%
 - 空气喷涂，未添加除铝颜料外的其它颜料，外罩清漆
 - 使用分光光度计重点测量亮度最高的 15° 的亮度数值
 - 分光光度计可以记录 L* 值
 - 多数分光光度计可同时计算出随角异色值

Explanations

1. In above chart, 3 indicators of different pigments can be easily referred, i.e. Particle Size, Lightness and Flop.
2. The reflection behaviour of Aluminium Pigments is defined by the flop effect because of directed reflection (L* values)
3. Spectral photometer with 5 or 6 observation angles to determine the light reflection and the colour values of paint
4. Colour perception depends on illumination/viewing geometry which leads to light-dark flop and colour flop.
5. Measuring conditions of above diagram:
 - Paint system: Acrylic, PE, CAB low solid system, application viscosity approx 20%
 - Pneumatic application as pure silver colour, with clear coat
 - Measurement with spectral photometer, emphasize on 15° (most lightest angle with highest value)
 - L* values are taken from the spectral photometer values after measuring the effect
 - Most spectral photometers offer direct output of Flop Index

色特丽 / Siltallic®

色特亮 / Siltallux®

STAPA® SILTALLIC® / SILTALLUX®	颜料含量 Pigment content	溶剂类型 Type of solvents	粒径分布 Particle size distribution			有机溶剂湿法筛析 Screen analysis / wet sieving with organic solvents as rinsing liquid														
			D10 近似值 / approx. [µm]	D50	D90	按照 / acc. to DIN 53196 [µm]	<71 不少于 / min. [%]	<63	<45	<40	<25									
型号 / Type	± 2%																			
SILTALLUX® 8620	70	TE/SA	34	54	76	99.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SILTALLUX® 8635	70	TE/SA	23	41	67	99.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SILTALLUX® 8638	70	TE/SA	23	39	62	-	99.5	-	-	-	-	-	-	-	-	-	-	-	-	-
SILTALLUX® 8640	70	TE/SA	20	36	56	-	-	-	-	-	98.5	-	-	-	-	-	-	-	-	-
SILTALLUX® 7650	70	TE/SA	16	34	55	-	-	-	-	-	98.5	-	-	-	-	-	-	-	-	-
SILTALLUX® 7745	70	TE/SA	17	30	49	-	-	-	-	-	98.5	-	-	-	-	-	-	-	-	-
SILTALLUX® 7680	65	TE/SA	12	29	51	-	-	-	-	-	98.5	-	-	-	-	-	-	-	-	-
SILTALLUX® 7750	70	TE/SA	11	25	47	-	-	-	-	-	98.5	-	-	-	-	-	-	-	-	-
SILTALLUX® 7755	70	TE/SA	13	23	39	-	-	-	-	-	99.8	-	-	-	-	-	-	-	-	-
SILTALLUX® 7757	70	TE/SA	12	22	36	-	-	-	-	-	99.8	-	-	-	-	-	-	-	-	-
SILTALLUX® 6755	70	TE/SA	11	20	29	-	-	-	-	-	-	-	-	-	-	-	-	-	99.5	-
SILTALLUX® 8760	70	TE/SA	11	20	31	-	-	-	-	-	-	-	-	-	-	-	-	-	99.5	-
SILTALLUX® 8765	70	TE/SA	12	19	31	-	-	-	-	-	-	-	-	-	-	-	-	-	99.5	-
SILTALLUX® 8767	70	TE/SA	10	19	31	-	-	-	-	-	-	-	-	-	-	-	-	-	99.5	-
SILTALLUX® 7767	70	TE/SA	8	17	29	-	-	-	-	-	-	-	-	-	-	-	-	-	99.5	-
SILTALLUX® 7770	65	TE/SA	7	16	28	-	-	-	-	-	99.5	-	-	-	-	-	-	-	-	-
SILTALLUX® 7780	70	TE/SA	9	16	27	-	-	-	-	-	-	-	-	-	-	-	-	-	99.8	-
SILTALLUX® 8775	70	TE/SA	9	16	25	-	-	-	-	-	-	-	-	-	-	-	-	-	99.5	-
SILTALLUX® 8380	65	TE/SA	6	15	27	-	-	-	-	-	-	-	-	-	-	-	-	-	99.5	-
SILTALLUX® 6570	70	TE/SA	8	15	25	-	-	-	99.0	-	-	-	-	-	-	-	-	-	-	-
SILTALLUX® 6880	65	TE/SA	6	12	22	-	-	-	-	-	-	-	-	-	-	-	-	-	99.5	-
SILTALLUX® 6885	63	TE/SA	7	11	17	-	-	-	-	-	-	-	-	-	-	-	-	-	99.0	-
SILTALLUX® 7790	62	TE/SA	5	10	17	-	-	-	-	-	99.5	-	-	-	-	-	-	-	-	-
SILTALLIC® 6250	65	TE/SA	12	24	42	-	-	-	-	-	98.5	-	-	-	-	-	-	-	-	-
SILTALLIC® 8150	65	TE/SA	8	23	41	-	-	-	-	-	99.0	-	-	-	-	-	-	-	-	-
SILTALLIC® 7355	65	TE/SA	9	21	33	-	-	-	-	-	99.0	-	-	-	-	-	-	-	-	-
SILTALLIC® 8160	65	TE/SA	5	17	36	-	-	-	-	-	99.5	-	-	-	-	-	-	-	-	-
SILTALLIC® 8040	60	TE/SA	5	16	33	-	-	-	-	-	98.5	-	-	-	-	-	-	-	-	-
SILTALLIC® 8180	65	TE/SA	5	15	32	-	-	-	-	-	99.9	-	-	-	-	-	-	-	-	-
SILTALLIC® 8080	60	TE/SA	4	12	24	-	-	-	99.9	-	-	-	-	-	-	-	-	-	-	-

色特丽和色特亮系列都通过了FDA认证，各规格都可以提供低PAHs含量的对应型号。SILTALLIC® and SILTALLUX® aluminium pigment pastes are approved by FDA, and can be supplied in corresponding low PAHs versions.

TE = Mineral Spirit / 200#溶剂汽油
SA = Solvent Naphtha / 石脑油溶剂