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eConduct 导电颜料 Conductive Pigments

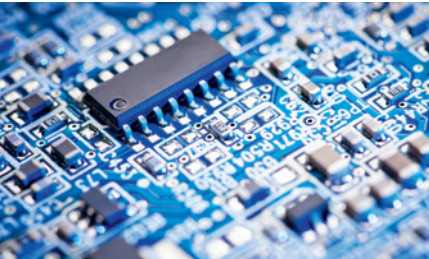
eConduct – 导电颜料 eConduct – Conductive Pigments



印刷电子 / Printed Electronics



电磁屏蔽涂层 / EMI shielding coatings



导电胶 / Electrically conductive adhesives

eConduct产品系列导电颜料可在多种应用中作为取代真银的经济方案。

这些片状或微粒状的导电颜料可用于胶水、密封胶、塑料以及印刷电子或电磁屏蔽涂层等应用领域中。

eConduct产品通常由金属或非金属基材外包覆纯银层而成。

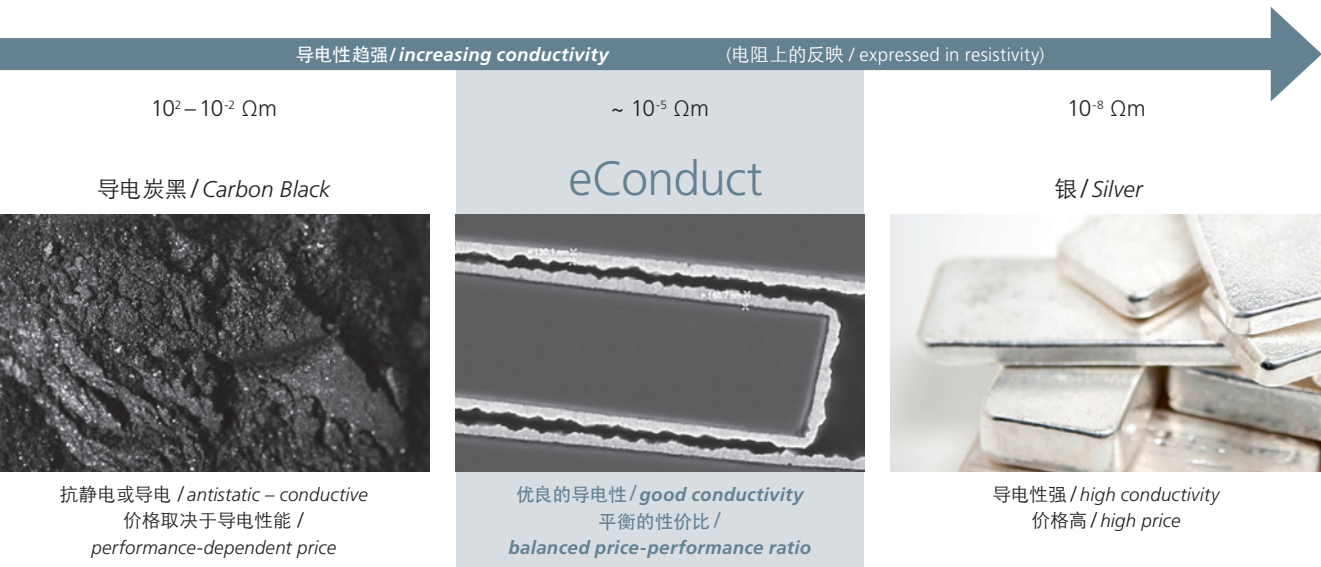
这种导电颜料导电性高，价格适宜，性能稳定且品质重现性强。

The eConduct product range contains electrically conductive pigments which can be used as a cost effective alternative to real silver in various applications.

Specific applications of these flake shaped or granular pigments can be found in adhesives and sealants, plastics, printed electronics as well as in coatings for electromagnetic shielding.

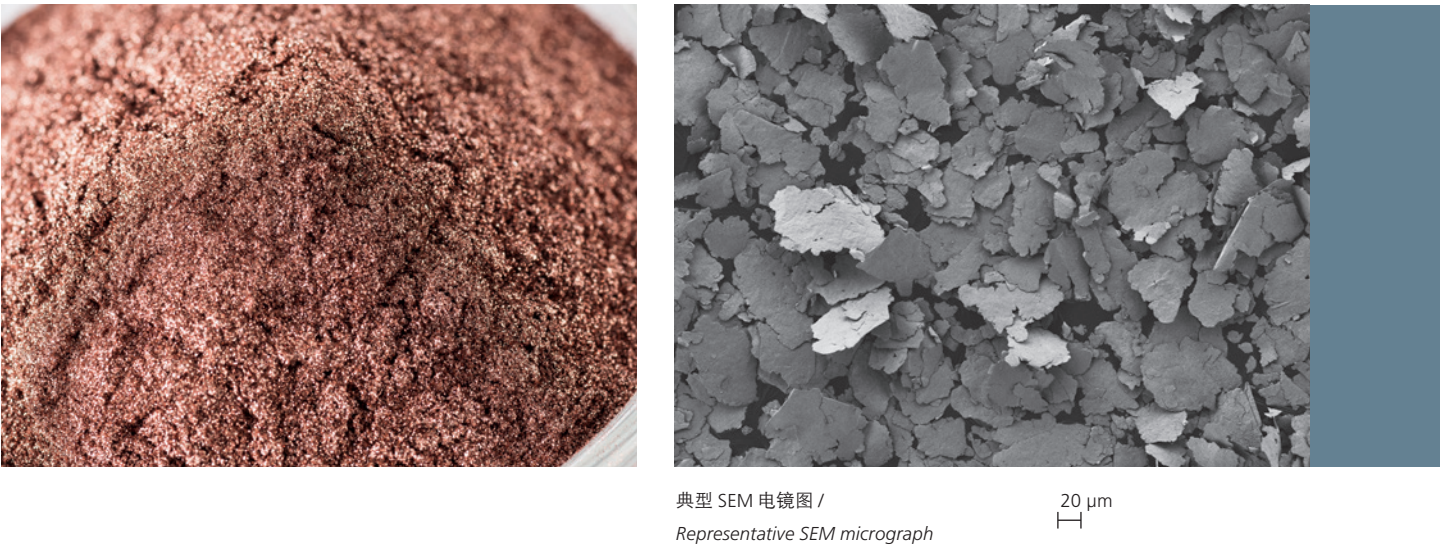
eConduct products generally consist of a metallic or non-metallic substrate with a material core and possess a pure silver plating.

The pigments feature a high electrical conductivity in combination with a moderate price, stable performance and reproducible quality.



eConduct Copper – 银包覆片状铜

eConduct Copper – Silver coated copper flakes



eConduct Copper						
产品名称 / Product name	产品编号 / Article No.	形状 / Shape	银重量百分比/ Ag content [wt.- %]	典型粒径 / Typical particle size 约 /approx. [μm]		
				D10	D50	D90
340500	023313	片状 / flake	5	14	33	60
341000	023345	片状 / flake	10	14	33	60
122000	010352	片状 / flake	20	4	10	20
042500	010359	片状 / flake	25	1	4	9

应用举例：
eConduct Copper 导电颜料可用于

- 电磁屏蔽涂料
- 电加热设备
- 印刷电子

建议用于溶剂型体系。

包装和有效期：
样品： 100g
货品： 1kg、5kg 及 25kg
有效期： 12 个月

Application examples:
eConduct Copper can be used in

- EMI shielding coatings
- heating devices
- printed electronics

Recommended for use in solvent-based systems.

Packaging sizes and shelf life:
Samples: 100 g
Selling units: 1 kg, 5 kg, 25 kg
Total shelf life: 12 months

eConduct Aluminum – 银包覆微粒状铝

eConduct Aluminum – Silver coated aluminum grit



eConduct Aluminum						
产品名称 / Product name	产品编号 / Article No.	形状 / Shape	银重量百分比/ Ag content [wt.- %]	典型粒径 / Typical particle size 约 /approx. [μm]		
				D10	D50	D90
202000	020764	球状 / spherical	20	9	18	33
203000	020242	球状 / spherical	30	12	23	38

应用举例：
eConduct Aluminum 导电颜料可用于

- 导电胶和密封剂
- 电磁屏蔽涂料
- 电加热设备
- 印刷电子

建议用于水性、溶剂型及紫外固化等各种体系。

包装和有效期：
样品： 100g
货品： 1kg、5kg 及 25kg
有效期： 12 个月

Application examples:
eConduct Aluminum can be used in

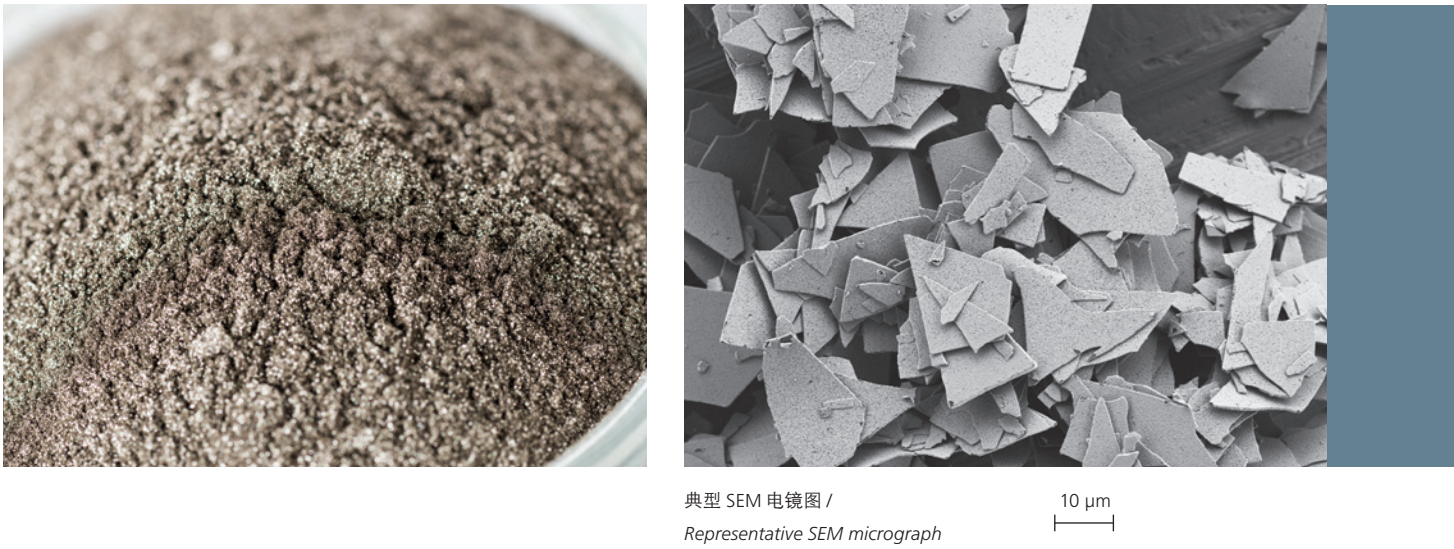
- adhesives & sealants
- EMI shielding coatings
- heating devices
- printed electronics

Recommended for use in all kinds of systems: water-based, solvent-based, UV curing, etc.

Packaging sizes and shelf life:
Samples: 100 g
Selling units: 1 kg, 5 kg, 25 kg
Total shelf life: 12 months

eConduct Glass – 银包覆片状玻璃

eConduct Glass – Silver coated glass flakes



eConduct Glass						
产品名称 / Product name	产品编号 / Article No.	形状 / Shape	银重量百分比/ Ag content [wt.- %]	典型粒径 / Typical particle size 约 /approx. [μm]		
				D10	D50	D90
352000	022907	片状 / flake	20	15	30	60

应用举例：
eConduct Glass 导电颜料可用于

- 导电胶
- 电磁屏蔽涂料
- 电加热设备
- 印刷电子

建议用于水性、溶剂型及紫外固化等各种体系。

包装和有效期：
样品： 100g
货品： 1kg 及 5kg
有效期： 12 个月

Application examples:
eConduct Glass can be used in

- adhesives
- EMI shielding coatings
- heating devices
- printed electronics

Recommended for use in all kinds of systems: water-based, solvent-based, UV curing, etc.

Packaging sizes and shelf life:
Samples: 100 g
Selling units: 1 kg, 5 kg
Total shelf life: 12 months