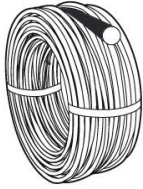


Black Coating Wire

Technical Information



Zapp is certified to ISO 9001



Zapp black coating wire

Dull surface

Product features

Weathering and temperature resistant powder based on polyester with special abrasiveness and a dull, frosty surface.

Physical properties

Specific gravity coating	1.27 kg/ m ³
--------------------------	-------------------------

Special advices

- _ Corrosion protection completely surrounded
- _ Homogenous coating
- _ Free of triglycidylisocyanurat (TGIC)
- _ All coating processes controlled in-house

Technical data

Color family	Black, different colors are possible
Gloss level at 60 ° (NF.EN ISO 2813)	005.0 +/- 002.0 units
Thickness (NF.EN ISO 2808)	65 +/- 10 µm
Impact resistance (NF.EN ISO 1520)	1 kg / 500 mm
Erichsen-cupping-test (NF.EN ISO 1520)	7 mm
Adhesion (NF.EN ISO 2409)	Class 0
Mandrel bend test (NF.EN ISO 1519)	5 mm

Core material - stainless spring wire

Designation	1.4016	1.4310
C	≤ 0.80	0.05 - 0.15
Si	≤ 1.0	≤ 2.0
Mn	≤ 1.0	≤ 2.0
P	≤ 0.040	≤ 0.045
Melting analysis ¹	S	≤ 0.030
	Cr	16.0 - 18.0
Ni	-	6.0 - 9.5
Mo	-	≤ 0.8
Comparable AISI-grade	430	302

¹ ERGSTE Materials have restricted contents of alloying elements

Other core materials are available on request.

Zapp Precision Metals GmbH

PRECISION WIRE

Letmather Straße 69

58239 Schwerte

P.O. Box 17 20

58212 Schwerte

Phone +49 2304 79-121

Fax +49 2304 79-415

precisionwire@zapp.com

www.zapp.com

Further information regarding our products and locations are available in our image brochure and under www.zapp.com

The illustrations, drawings, dimensional and weight data and other information included in this data sheet are intended only for the purposes of describing our products and represent non-binding average values. They do not constitute quality data, nor can they be used as the basis for any guarantee of quality or durability. The applications presented serve only as illustrations and can be construed neither as quality data nor as a guarantee in relation to the suitability of the material. This cannot substitute for comprehensive consultation on the selection of our products and on their use in a specific application. The brochure is not subject to change control.

Last revision: December 2019