

# Product data sheet

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Article description	
STAEDTLER blacklead pencils: <b>Mars Lumograph 100</b>	<b>Made in Germany</b>

Constituents	
Lead compounds:	Graphite Clay Ceraceous additives designed to improve the gliding properties
Pencils:	PEFC certified wood <sup>1)</sup> Lacquering without toxic heavy metals <sup>2)</sup>
Packaging:	Metal tins with polystyrene PS insert Cardboard-box

<sup>1)</sup> Certification for sustainable forest management, PEFC/04-31-1227

<sup>2)</sup> Tests are made in accordance with the European standard EN 71, part 3 (toxic heavy metals)

Conformity
The products meet the Regulations (EG) No. 1907/2006 (REACH) and No. 1272/2008 (CLP) concerning the Registration, Evaluation, Authorization and Restriction of Chemicals. In accordance with REACH Regulation 1907/2006/EC, Article 33, you will find our current articles subject to mandatory reporting under the following link <a href="https://www.staedtler.com/REACH">https://www.staedtler.com/REACH</a>
Mars Lumograph 100 is checked by ACMI (Art & Creative Materials Institute) and corresponds to the U.S. - Standard ASTM D-4236. According to the standard, such products shall be tested by an authorized U.S.-toxicologist.

Usage notes
High quality drawing pencils particularly suitable for writing, drawing, sketching and hatching as well as for professional graphic and artistic applications on paper and matt drawing films. Mars Lumograph 100 is available in 24 finely graded consistent degrees: 12B, 11B, 10B, 9B, 8B, 7B, 6B, 5B, 4B, 3B, 2B, B, HB, F, H, 2H, 3H, 4H, 5H, 6H, 7H, 8H, 9H, 10H
Sharpener: Tub sharpener 511 001 Eraser: Mars plastic 526 50

Staedtler has been certified to ISO 9001 and ISO 14001 and considered in the selection of raw materials and their processing in the relevant national and international laws to protect the users.

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## Article description

STAEDTLER blacklead pencils:

**Mars Lumograph jumbo 100J**

**Made in Germany**

## Constituents

Lead compounds: Graphite  
Clay  
Ceraceous additives designed to improve the gliding properties

Pencils: PEFC certified wood <sup>1)</sup>  
Lacquering without toxic heavy metals <sup>2)</sup>

Packaging: Cardboard-box  
Blistercard: PVC Film

<sup>1)</sup> Certification for sustainable forest management, PEFC/04-31-1227

<sup>2)</sup> Tests are made in accordance with the European standard EN 71, part 3 (toxic heavy metals)

## Conformity

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Mars Lumograph 100 is checked by ACMI (Art & Creative Materials Institute) and corresponds to the U.S. - Standard ASTM D-4236.  
According to the standard, such products shall be tested by an authorized U.S.-toxicologist.

## Usage notes

High quality drawing pencil jumbo particularly suitable for writing, drawing, sketching and hatching as well as for professional graphic and artistic applications on paper and matt drawing film.

Mars Lumograph jumbo 100J is available in 5 finely graded consistent degrees: 8B, 6B, 4B, 2B, HB

Sharpener: Tub sharpener 513 001

Eraser: Mars plastic 526 50

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Article description	
STAEDTLER pigment liner black 308	Made in Germany
Constituents	
Inks	Water-based Colour pigment Binding agent and additives
Holder:	Plastics: Barrel / end plug: PP Cap / end plug: PP Tip: POM
Clip	Metal, White bronze coated
Metal-clad tip	Metal, nickel-plated
Comment	PP: polypropylene      POM: polyoxymethylene
Conformity	
STAEDTLER pigment liner 308 meets the standards:	
ISO 14145-2	Rollerball pens and refills – Part 2: Documentary use (DOC) Test based on rollerball standard ISO 14145-2 (indelible ink) The conformity with ISO 14145-2 was confirmed by TÜV SÜD with inspection report No. 21277340.
ISO 11540	'Caps for writing and marking instruments intended for use by children up to 14 years of age – Safety requirements'.
ASTM D-4236	These products are tested by ACMI (Art & Creative Material Institute) and conform to the US-Standard ASTM D-4236. According to the standard, a qualified toxicologist tests the products.
The product meets the Regulations (EG) No. 1907/2006 (REACH) and No. 1272/2008 (CLP) concerning the Registration, Evaluation, Authorization and Restriction of Chemicals. In accordance with REACH Regulation 1907/2006/EC, Article 33, you will find our current articles subject to mandatory reporting under the following link <a href="https://www.staedtler.com/REACH">https://www.staedtler.com/REACH</a>	
Usage notes	
Line-Index:	0.05 / 0.1 / 0.2 / 0.3 / 0.4 / 0.5 / 0.6 / 0.7 / 0.8 / 1.0 / 1.2 / chisel 0.3-2.0
CAP-OFF time:	Pens can be left uncapped for 12 hours without drying up Test conditions according to ISO 554.
Airplane-safe:	Automatic pressure equalisation prevents the pens from leakage during flight.

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### Article description

STAEDTLER eraser  
rasoplast 526 B30

Made in Germany

### Constituents

Eraser:	Elastomer:	Polyvinyl chloride
	Filler:	Natural calcium carbonate (chalk)
	Colour pigments:	Pigments containing toxic heavy metals are not used
	Special softener:	No phthalates

Packaging: Paper sleeve and pp foil

PP: Polypropylen

### Conformity

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### Usage notes

Ability to/quality: Excellent erasing properties.

Ageing: Age-resistant.

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