

INFORMATION SHEET

MECHANICAL PENCILS

according to ISO 9177

MECHANICAL PENCILS \varnothing 0.3-0.9 mm

LEADHOLDERS \cdot \varnothing 2 mm

The EC safety data sheet is required only for dangerous substances and preparations subject to the relating EC directives and will be provided to you, where applicable.
For STAEDTLER mechanical pencils safety data sheets are not necessary, because these products are not regarded as dangerous substances or preparations as of the relating EC directives.

STAEDTLER always considers the relevant national and international regulations regarding consumer protection during the selection of the raw materials and in their manufacture.

In addition, and this is of major importance, we pursue developments in the chemical and technical fields to offer our customers safe products that point the way ahead.

MECHANICAL PENCILS \cdot \varnothing 0.3-0.9 mm

HOUSING *)	
barrel 770 · 775	POM
barrel 772 MARS XXL · 778 · 779	ABS
barrel 773 · 777	PP, Clip ABS
made of partially non-separable metal-plastic compound because of technical and safety reasons.	
REFILL-WALLET	
Plastic wallet for 12 leads	250 · 254
wallet: PS, sealing plug: PE	



MARSMICRO POLYCARBON - LEAD	
graphite non-ceramic bond (instead of clay the lead contains a high polymer on the base of natural material . After a complex burning process a non-ceramic bond is achieved, due to which the lead has a higher strength).	
MARSMICRO COLOR - LEAD	
color pigments **), china clay, talc, wax, binding agent (cellulose based).	

LEADHOLDERS \cdot \varnothing 2 mm

HOUSING *)	
Schaft 780 C · 782 C	PS
Aus technischen, wie aus Sicherheitsgründen teilweise nicht lösbare Metall-Kunststoff-Verbindungen	
Schaft 788 C	PS
REFILL-WALLET	
plastic box for 12 leads	200-, 204 S12 bottom PS , slip PE
plastic tube for 2 leads	200 E2 tube ABS , sealing plug PE



LEADS	
MARS LUMOGRAPH	for leadholders 780 C, 782 C, 788 C
STAEDTLER	
graphite; clay; wax as lubricant	
COLOURED LEADS	
MARS LUMOCHROM	for leadholder 204
color pigments **), china clay, talc, wax, binding agent (cellulose based).	

*) STAEDTLER does not use coloring agents on the base of cadmium or lead for the coloring of plastics.
plastics: PS = polystyrene, ABS = acrylnitril-butadiene-styrene, PE = polyethylene, POM = polyoxymethylene, grips = synthetic rubber
metallic joints: brass, chromium plate 772 MARS XXL, 778, · brass, nickel plate 770, 775, 779, 780 C, 782 C, 788 C

**) Heavy metal elements are not used, traces of heavy metals are below the limits of the EN71/3.

STANDARDS

ISO 9177-1: Mechanical pencils;
ISO 9177-2: Mechanical pencils;

Classification, dimensions, performance requirements and testing
Black leads, classification and dimensions

DISPOSAL

household waste

STAEDTLER[®] mechanical pencils are subject to a comprehensive quality inspection and are not harmful if used in the proper manner.