

# Product data sheet

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Head of ideas.

Article description	
STAEDTLER ballpoint pens <b>ball 432 F/M</b>	<b>Made in Thailand</b>

Constituents	
Paste inks:	Organic solvents Dyestuffs Binding agent and additives
Holder:	Plastics / Metals:
	Barrel: SAN
	Front part: ABS
	Cap: PP
	Tip: brass nickel plated (BNP)-tip with tungsten carbide (TC)-ball
SAN: acrylonitrile-styrene copolymers, ABS: acrylonitrile-butadiene-styrene, PP: polypropylene	

Conformity	
STAEDTLER ball 432 meet the standards:	
ISO 12757-1	'Ball point pens and refills – Part 1: General use'
ISO 12757-2	'Ball point pens and refills – Part 2: Documentary use (DOC) Indelible paste inks only for black, blue, green, red and turquoise (FN-37)
ISO 11540	'Caps for writing and marking instruments intended for use by children up to 14 years of age – Safety requirements'.
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>	

Usage notes
Airplane-safe: Automatic pressure equalisation prevents the pens from leakage during flight. Ergonomic triangular barrel for effortless and fatigue-free writing

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.