ALLOYTI
Titanium mill products · Baoji, Shaanxi, China

Technical datasheet
Rev. 2026-11
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Titanium Daily Goods

Gr.1 / Gr.2 to ASTM B265 and B348

GRADES AND TYPICAL MECHANICAL PROPERTIES

Grade	Designation	Rm (MPa, min)	Rp0.2 (MPa, min)	A (%, min)
Gr.1	TA1	240	138	24
Gr.2	TA2	345	275	20

Values are ASTM minimums for annealed material at room temperature; density 4.51 g/cm³ (Gr.1–Gr.4), 4.43 g/cm³ (Gr.5).

SUPPLY FORMS AND SIZES

Bottles	300–750 ml, single or double wall
Tumblers	350–500 ml
Cutlery	Fork, spoon, knife, chopsticks
Cookware	Frying pan, saucepan, 0.8–2.5 L

CONDITION AND FINISH

Brushed, polished or anodised finish; no coating on food-contact surfaces.

INSPECTION AND DOCUMENTS

Material certificate to EN 10204 3.1 on request; food-contact statement per order.

TYPICAL APPLICATIONS

Drinkware, cutlery and cookware for outdoor, travel and everyday use — lightweight, corrosion-free and safe in contact with food and drink.

ORDERING

MOQ 50 kg for stock sizes, 500 kg for custom or non-standard items — both negotiable. Lead time about 20 days after deposit and drawing confirmation. FOB / CIF / EXW. Payment 30% T/T deposit, 70% before shipment or against a copy of the bill of lading.

This datasheet summarises typical properties for evaluation. Final grade, tolerances and testing are confirmed in the quotation and the order confirmation.