

Certificate

METTLER TOLEDO

Production Certificate of Signature and Premium Line Weights



The Business Area Weights & Calibration Services of Mettler-Toledo AG confirms, that all Signature and Premium Line weights (1 mg – 500 mg wire and 1 g – 50 kg knob shape*) in OIML classes E1, E2 and F1 are manufactured following the OIML recommendation R 111-1:2004 and are produced according to the management system ISO 9001.

Technical specifications



E1, E2 and F1

Material	High-grade stainless steel, vacuum melted* (super-austenite)
Density ρ	8000 kg/m ³ \pm 30 kg/m ³
Susceptibility χ	< 0.0049
Polarization $\mu_0 M$	< 2.5 μ T
Roughness R_z	< 0.5 μ m
Roughness R_a	< 0.06 μ m
Hardness	150 HB

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