

TECHNICAL BASICS

PROFILE MATERIAL

Short description:	AlMgSi 0.5 F25
Material number:	3.3206.72
Condition:	heat tempered
Hardness:	approx. 75 HB
Tolerances:	according to DIN EN 12020 part 2
Tensile strength:	at least 245 N/mm ²
Density:	2.7 kg/dm ³
Surface:	E6/EV1 nature anodised
Anodising strength:	at least 10 \leftrightarrow m
Anodising hardness:	approx. 250 HV
Linear extension:	$\Delta l = 0.0000238 \times l \times \Delta t$ Δl = linear extension in mm l = profile length in mm Δt = temperature change