

Investment casting materials

Aluminium



Designation	Material no.	Standard	Common heat treatment condition	Mechanical-technological characteristics			Hardness	Resistance to		Application/ particular use cases
				0,2-Yield strength RP _{0,2}	Tensile strength RM (MPa)	Elongation A ₅ (%)	Glow hardness (HB)	Weather influences	Sea water	
GF-ALSi7Mg0,6 A 357	3.2384.6 Teil 3	AMS-A-21180 A-S7G06 EN AC-42200 EN 1706	76	200-230	260-290	2-4	75	excellent	good	very good castability, weldable, corrosion-resistant