

ALUMINIUM

DESCRIPTION	MATERIAL NO.	NORM	USUAL HEAT TREATMENT CONDITION	MECHANICAL-TECHNOLOGICAL CHARACTERISTICS			HARDNESS	RESISTANCE TO		USAGE/ SPECIAL APPLICATION EXAMPLES
				0,2-YIELD STRENGTH RP _{0.2}	TENSILE STRENGTH RM (MPA)	FRACTURE STRAIN A ₅ (%)	(HB)	WEATHER INFLUENCES	SEA WATER	
GF-AISI7MgO,6 A 357	3.2384.6 Part 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
GF-AISI7MgO,6 A 357 (SOPHIA)		AMS-A-21180 A-S7G06 EN AC-42200 EN 1706	76	240-270	310-330	2-4	> 80	excellent	good	Higher strength, very good castability, weldable, corrosion resistant