

Data sheet: **alfer**[®] - Aluminium EN AW-5754, H114

Technical data

Material	3.3535
Standard designation	EN AW-5754 (Al Mg3)
Temper	H114
DIN/EN norms	DIN EN 485, DIN EN 1386

Composition

Al (Aluminium)	Balance
Si (Silicon)	0,40%
Fe (Iron)	0,40%
Cu (Copper)	0,10%
Mn (Manganese)	0,50%
Mg (Magnesium)	2,6 - 3,6%
Cr (Chromium)	0,30%
Zn (Zinc)	0,20%
Ti (Titanium)	0,15%

Other elements

Ni (Nickel)	each 0,05%
Ga (Gallium)	
V (Vanadium)	

Density	2,7 kg/dm ³
Tensile strength (N/mm ²)	190 - 260 (N/mm ²)
Tensile yield strength (N/mm ²)	min. 80 (N/mm ²)
Elongation (A)	min. 10%
Brinell hardness HB	58

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