

Database of Steel and Alloy (Marochnik)

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Characteristics for grade 6G2AF (6Г2АФ).

Grade :	6G2AF (6Г2АФ)
Classification :	Low alloy structural steel for welding construct
Equivalent grades:	Is absent

Chemical composition in % for grade 6G2AF (6Г2АФ)

C	Si	Mn	Ni	S	P	Cr	V	N	Cu
0.14 - 0.2	0.3 - 0.6	1.3 - 1.7	max 0.3	max 0.04	max 0.035	max 0.4	0.08 - 0.14	0.015 - 0.025	max 0.3

Technological properties for grade 6G2AF (6Г2АФ)

Weldability:	without limitations.
Flakes :	not predisposed

Specification :

Weldability :

- without limitations** - welding is done without heating and subsequent heat treating
- limited weldability** - welding is possible under heating up to 100-120 grade and subsequent heat treating
- hard weldability** - obtaining the quality welding needs the additional operations: heating up to 200-300 grade; the heat treating ia annealing

Database of steels and alloys (Marochnik) contains information about chemical composition and properties more then 2500 steels and alloys (stainless steel, alloy steel, carbone steel, structural steel, tool steel, cast iron, aluminum alloy, titanium alloy, copper alloy, nickel alloy, magnesium alloy and others).
Helpfull for specialists in grade technology, structural engineer, mechanical engineer, metallurgy and metal trader

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