

Database of Steel and Alloy (Marochnik)

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Characteristics for grade NPA1 (НПА1).

Grade :	NPA1 (НПА1)
Classification :	Semis nickel
Equivalent grades:	Is absent

Chemical composition in % for grade NPA1 (НПА1)

Ni+Co	Fe	C	Si	Mn	S	Cu	Mg	Impurity
min 99.7	max 0.1	max 0.02	max 0.03	max 0.1	max 0.005	max 0.1	max 0.1	all 0.3

Technological properties of the material NPA1 (НПА1) .

Melting temperature :	1455 °C
Forging temperature :	1140 - 1250 °C
Annealing temperature :	700 - 800 °C
Casting temperature :	1550 - 1650 °C
Linear shrinkage :	1 %

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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