

Database of Steel and Alloy (Marochnik)

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Characteristics for grade PMTs36 (ПМЦ36).

Grade :	PMTs36 (ПМЦ36)
Classification :	Copper-zinc solders
Equivalent grades:	Is absent

Chemical composition in % for grade PMTs36 (ПМЦ36)

Fe	Cu	Pb	Zn
max 0.1	34 - 38	max 0.5	61.4 - 66

Comment: **Zn** is a basis; the percentage of **Zn** is given approximately.

Technological properties of the material PMTs36 (ПМЦ36) .

Melting temperature, Solidus :	800 °C
Melting temperature, Liquidus :	825 °C

Physical properties for grade PMTs36 (ПМЦ36)

T	E 10 ⁻⁵	α 10 ⁶	λ	ρ	C	R 10 ⁹
Grade	MPa	1/Grade	Watt/(m·Grade)	kg/m ³	J/(kg·Grade)	Ohm·m
20		22		7700		

Specification :

Physical properties :

- T** - Test temperature , [Grade]
- E** - Young modulus , [MPa]
- α** - Coefficient of linear expansion (range 20° - T) , [1/Grade]
- λ** - Thermal (heat) condition coefficient , [Watt/(m·Grade)]
- ρ** - Density , [kg/m³]
- C** - Specific heat (range 20° - T) , [J/(kg·Grade)]
- R** - Electrical resistance , [Ohm·m]

Database of steels and alloys (Marochnik) contains information about chemical composition and properties more than 2500 steels and alloys (stainless steel, alloy steel, carbon 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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