

Database of Steel and Alloy (Marochnik)

splat.kharkov.com/en

[Home](#) [European steel grades](#) [Steel and Alloy](#) [Search](#) [Equivalent grades](#) [Grading](#) [GOST Standard](#) [Contacts](#)

YOU HERE: [Steel and Alloy](#) -> [Copper](#)

Characteristics for grade PMFOTsr6-4-0.03 (ПМФОЦп6-4-0.03).

Grade :	PMFOTsr6-4-0.03 (ПМФОЦп6-4-0.03)
Classification :	Copper-zinc solders
Equivalent grades:	Is absent

Chemical composition in % for grade PMFOTsr6-4-0.03 (ПМФОЦп6-4-0.03)

Fe	P	Cu	Zr	Pb	Zn	Sb	Bi	Sn	Impurity
max 0.1	5.3 - 6.3	88.53 - 90.89	0.01 - 0.05	max 0.06	max 0.06	max 0.05	max 0.002	3.5 - 4.5	all 0.3

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

Technological properties of the material PMFOTsr6-4-0.03 (ПМФОЦп6-4-0.03) .

Melting temperature :	640 - 680 °C
------------------------------	--------------

Physical properties for grade PMFOTsr6-4-0.03 (ПМФОЦп6-4-0.03)

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				7850		90

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

[Top](#)

© 2003 - 2013 All rights reserved. [About program.](#)

The entire risk as to use of the Database of Steel and Alloy (Marochnik) content is assumed by you the user



076992+0





20329744

20141

5385