



Molybdenum (VI) Oxide

MoO₃

Appearance: white powder with grey shadow

Phys.-chem. data:

Molecular weight	143,94
Insoluble in water	

Packing:

20-25 kg paper bags with plastic inner

Danger class 9

Subclass 9.1

UN number 2811

Guarantee period of storage - 1 year

Quality data:

	TU 2611-002-469133-2002, 6e3 W, %	Spec., %
The content of the main substance	≥ 99,5	≥ 99,4
Mo	-	66,3
Cl	≤ 0,001	≤ 0,001
SO ₄ in terms of Sulphur, S	≤ 0,005	≤ 0,01
PO ₄ in terms of Phosphorus, P	≤ 0,002	≤ 0,002
Fe	≤ 0,01	≤ 0,003
Al	≤ 0,005	≤ 0,002
Ni	≤ 0,002	≤ 0,002
Mn	≤ 0,005	≤ 0,001
Si	≤ 0,01	≤ 0,003
Ca	≤ 0,005	≤ 0,004
Mg	≤ 0,003	≤ 0,001
Zn	≤ 0,003	≤ 0,003
K + Na	≤ 0,01	≤ 0,0065
As	≤ 0,003	≤ 0,003
B	≤ 0,001	≤ 0,001
W	≤ 0,01	≤ 0,01

Application: in chemical industry, metallurgy for production of alloying compositions during manufacturing of high-temperature and corrosion-resistant alloys, for Molybdenum metal and wire production