



BALTIC
ENTERPRISE

Ammonium Molybdate

$(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$

Appearance: transparent or with shade of yellow and green crystals

Phys.-chem. data:

Apparent density	1,25 g/cm ³
Molecular weight	1235,85

Packing:

20-25 kg paper bags with plastic inner

Danger class 6

Guarantee period of storage - 3 years

Application: for production of hydrofining catalysts, electrolamp equipment, purest molybdenum, solid alloys, in animal feeds



Ammonium Molybdate

Quality data:

	GOST 2677-78 Pure, %	GOST 3765-78 Pure, %	GOST 3765-78 Pure for Analysis, %	GOST 3765-7 Chemical Pure, %
MoO ₃	≥ 78	-	-	-
The content of the main substance	-	98-102	99-101	99-101
Fe	≤ 0,007	-	≤ 0,002	≤ 0,001
Ca	≤ 0,004	-	-	-
Ni	≤ 0,002	-	-	-
Mg	≤ 0,0015	-	-	-
Al	≤ 0,002	-	-	-
S	≤ 0,04	-	-	-
Zn	≤ 0,01	-	-	-
Si	≤ 0,01	-	-	-
Mn	≤ 0,003	-	-	-
K + Na	≤ 0,08	-	-	-
Cl	-	≤ 0,002	≤ 0,001	≤ 0,0005
As	≤ 0,003	-	-	-
P	≤ 0,002	-	-	-
Pb	-	≤ 0,005	≤ 0,001	≤ 0,001
Insolubles in H ₂ O	-	≤ 0,03	≤ 0,005	≤ 0,005
SO ₄	-	≤ 0,02	≤ 0,02	≤ 0,005
PO ₄	-	≤ 0,001	≤ 0,0005	≤ 0,0002
S	≤ 0,04	-	-	-
SiO ₂	-	-	≤ 0,0005	≤ 0,0005
NO ₃	-	-	≤ 0,003	≤ 0,002
Solubility in the water at 50°C	-	Must stand the test	-	-
Optical density of reagent with mass fraction 30% at (24±1)°C	≤ 0,45	-	-	-
Solubility of AHM at 20±2°C (in terms of MoO ₃), %	≥ 24,3	-	-	-
Solubility of AHM at 70±2°C (in terms of MoO ₃), %	≥ 43,75	-	-	-