

NITROGEN FERTILIZERS WITH SULPHUR NS 27-4,5 (N27)

Product specification	Monomark standards
1. Mass fraction of total nitrogen (N), % ammoniacal nitrogen (N-NH ₄), % nitric nitrogen (N-NO ₃), %	27.0±0.5 13.5±0.5 13.5±0.5
2. Mass fraction of sulphur (S), % – as sulphur trioxide (SO ₃), %	4,5±0.35 11.3±0.9
3. Mass fraction of calcium oxide (CaO), %, min	7.5
4. Mass fraction of calcium nitrate (Ca(NO ₃) ₂), %, min	0.5
5. Average granule size, mm, min	3.4
6. Moisture, %, max	0.4
7. Granule size: – from 2 mm to 5 mm, %, min	95
8. Static granule strength, N/granule (kgf/granule), min	40(4.0)

Informational indicators of nitrogen fertilizers with additives:

Product specification	Monomark standards
1. Appearance	Gray or white granules
2. Amount of anticaking agent, ppm, not less	1000
3. Mass fraction of water soluble calcium oxide, %, not less	4.9
4. Mass fraction of water soluble sulphur, %, not less	3.4

Note. Determination of content of the mass fraction of water soluble calcium oxide and the mass fraction of water soluble sulphur is carried out on a separate request.