

## NPK, Nitrogen-phosphorus-potassium fertilizer

**Application:** A complex granulated fertilizer (based on three key elements in combination with sulfur) which is necessary for plant's vital activity.

Specification	Grade 16-16-16-6 (S)	Grade 8-15-30-5 (S)	Grade 8-19-29-3 (S)	Grade 8-24-24-3 (S)
Mass fraction of total nitrogen, %	16 ±1	8 ±1	8 ±1	8 ±1
Mass fraction of ammonia nitrogen, %	9 ±1	8 ±1	8 ±1	8 ±1
Mass fraction of amino nitrogen, %	6 ±1			
Mass fraction of total phosphates on P <sub>2</sub> O <sub>5</sub> basis	16 ±1	15 ±1	19 ±1	24 ±1
Mass fraction of assimilated phosphates, %	15,5 ±1	14,5 ±1	18,5 ±1	23,5 ±1
Mass fraction of water soluble phosphates, %	14,7 ±1	13,7 ±1	17,7 ±1	22,7 ±1
Mass fraction of total potassium on K <sub>2</sub> O basis, %	16 ±1	30 ±1	29 ±1	24 ±1
Mass fraction of total sulfates on sulphur basis, no less, %	6	5	3	3
Mass fraction of water, %	1,8	1,8	1,8	1,8
Granulometric composition:				
Mass fraction of granules by size, %:				
less than 1 mm	no more than 5	no more than 5	no more than 5	no more than 5
2 mm - 5 mm	no less than 90	no less than 90	no less than 90	no less than 90
more than 6 mm	0	0	0	0
Total of nutrient substances (total nitrogen, total phosphates, potassium (K <sub>2</sub> O), no less (high limit of total nitrogen, total phosphates, potassium (K <sub>2</sub> O) is acceptable)	47	52	55	55
Static strength of granules, no less, MPA	3	5	5	4
Friability, %	100	100	100	100

**Transportation:** Road & Rail

**Packaging:** polypropylene bags 50kg and 25kg; big-bag 500kg.