

Mono Potassium Phosphite

Suggested applications

Widely used in ornamentals and bedding plants grown in greenhouses, field nurseries, landscaping areas, conifers, turfgrasses on golf courses, sod farms and other turf areas. And various application methods, including foliar spray, soil drench, soil incorporation, and bare root dip., considered as an efficient fertilizer with advantages such as fast absorption, disease resistance enhancement, and environmental friendliness.

Physical properties

White or colourless crystal, easily deliquesces in air, easily soluble in water (2200g/L), soluble in ethanol, relative density 2.14g/cm³, and pH value of 1% solution is 4. The material can absorb moisture easily.

Packaging & Storage

Packed in 25kg or 1000kg PP+PE bags.
Customized bags packing is available.
Stored at cool, dry and well ventilated place.

Target properties

Chemical formula	KH ₂ PO ₃
Molecular weight	120.1
Main contents% ≥	98
Phosphorus Pentoxide(P₂O₅)% ≥	58
Potash, as K₂O % ≥	38
Iron, as Fe % ≤	0.005
Chloride, as Cl % ≤	0.1
Heavy Metals, as Pb % ≤	0.005
Moisture % ≤	0.2
Water insoluble% ≤	0.3
PH value of 1% solution	3.0-5.0

*permissible tolerance of 0.1-0.2% is possible for main content and moisture due different testing methods under diverse conditions