



Changsha RuiYang Material Co., Ltd.
长沙金睿洋新材料有限公司

Technical Data Sheet

Monopotassium Phosphate (MKP)

Product: Monopotassium Phosphate (MKP)

Molecular Formula: KH_2PO_4

Molecular Weight: 136.09 g/mol

Cas No.: 7778-77-0

Density: 2.34 g/cm³

UN No. Non-hazardous for transport

HS Code: 28352400

CHEMICAL ANALYSIS

Item	Indicators		Analysis Result
	Excellence in goods	First grade	
Purity (KH_2PO_4)	≥99.0%	≥98.0%	99.4%
Phosphorus (P_2O_5)	≥52.0%	≥51.0%	52.5%
Potassium oxide (K_2O)	≥34.0%	≥33.0%	34.6%
Moisture	≤0.5%	≤1.0%	0.3%
Water-insoluble matter	≤0.05%	≤0.10%	0.04%
pH (1% solution)	4.3-4.7	4.0-5.0	4.5

Chemical Properties

Chemical Properties: White crystalline powder. Density: 2.34 g/cm³.