Technical Data Sheet

Item Name:

TKPP

PRODUCT INFORMATION

Chinese Name:	焦磷酸钾
Commodity Name:	TKPP
Chemical Name:	Tetra Potassium Pyrophosphate
Other Name:	Potassium Diphosphate, Diphosphoric Acid Monopotassium Salt, Tetrapotassium Diphosphate, TPPP
CAS No.:	7320-34-5
Molecular Weight:	330.337
Molecular Formula:	$K_4P_2O_7$

PRODUCT DESCRIPTION

TKPP is made by potassium hydrogen phosphate which is loss water in the process of melting. in the air, it has a strong hygroscopicity, have the effect of restrain food corruption, fermentation.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	White powder
Purity by wt %	98 min
Total Phosphorus (P_2O_5) by wt %	41 min
Loss on ignition by wt %	0.5 max
Water insoluble matter by wt %	0.2 max
Fe by mg/kg	50 max
pH (1g/100ml water)	10 - 11
Lead by mg/kg	1 max
F by mg/kg	10 max
As by mg/kg	1 max
Heavy metal by mg/kg	10 max
Chloride by wt %	0.45 max
Particle size (through 60mesh) by wt %	70 min

PACKING, LOADING AND SHELF LIFE

Packing: 25kg PP bag with PE liner
Loading: 25mt/20'fcl for 25kg bags only, 22mt/20'fcl for 25kg on pallets
Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.