



BIMEX CORP.

DATA SHEET

POTASSIUM TRIPOLYPHOSPHATE

Granulate, Technical pure

Identity Nr. : 001868
Chemical name : pentapotassium tripolyphosphate, technical
Chemical formula : $K_5P_3O_{10}$
Molecular weight : 488
CAS Nr. : 13845-36-8
EINECS-Nr. : 2375749
Appearance : compound of white powder and granules

Chemical composition		Standard
P ₂ O ₅	%	min. 46.0
K ₂ O	%	min. 49.0
ortophosphate	%	max. 1
diphosphate	%	max. 4
triphosphate	%	min. 95
pH(1% solution)		9 - 10
Loss on Ignition	%	max. 2
Insolubles	%	max. 1.5
Fe	ppm	max. 30
F	ppm	max. 10
bulk density	g/l	700 - 800
Sieve analysis:	>1000 μ	max. 2 %
	<100 μ	max. 10 %
Solubility (g/100 g H₂O):	25° C	14.5

Application:

- as buffer, dispersing agent, protein modifier, sequestering agent in food industry;
- for the production of liquid cleaning agents and detergents;
- for the production of dentifrice;
- in ceramic, paper industry and industry of dyes;
- in pharmaceutical and chemical industry;
- for metal treatment

Package: 25 kgs paper sacks with PE liner on pallets (1250 kg);
or according to buyer's wish

Storage: tightly closed in dry, cool place

Shelf life: provided that the recommended storage conditions are maintained
shelf life will be indefinite.