

Reg. No: 001228  
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English Version

# TKPP (Technical Grade)

## GENERAL

|                   |   |                                |
|-------------------|---|--------------------------------|
| CHEMICAL NAME     | : | TETRAPOTASSIUM PYROPHOSPHATE   |
| MOLECULAR FORMULA | : | $K_4 P_2 O_7$                  |
| MOLECULAR WEIGHT  | : | 330.35                         |
| CAS NUMBER        | : | 7320-43-5                      |
| APPEARANCE        | : | White powder or white granular |

## SPECIFICATIONS

|                               |             |
|-------------------------------|-------------|
| Assay (as $K_4P_2O_7$ ), wt % | 98.0 min    |
| pH (1% solution at 25 °C)     | 10.0 – 10.8 |
| Iron (as Fe ), wt %           | 0.005 max   |
| Water insoluble matters, wt%  | 0.10 max    |
| $P_2O_5$ , %                  | 42.0 min    |
| Heavy metal (as Pb), %        | 0.005 max   |
| Chloride (as $Cl^-$ ), %      | 0.46 max    |
| Loss on drying, %             | 1.5 max     |

## TYPICAL PROPERTIES

|                                    |                            |
|------------------------------------|----------------------------|
| Bulk Density, (g/cm <sup>3</sup> ) | 0.95-1.2 g/cm <sup>3</sup> |
| Mesh                               | 20-100 selected            |

## PACKING

25kg per bag. Shelf-life : 12 months

## TRANSPORT INFORMATION

Not regulated

The above information is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control.

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