

Patentkali®

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PFC 1(C)(I)(a)(i)  
MINERAL FERTILISER K<sub>2</sub>O (MgO, SO<sub>3</sub>) 30 (10+44)

**Declared nutrient contents by mass**

- 30 % K<sub>2</sub>O water soluble potassium oxide (= 24.9 % K)
- 10 % MgO water soluble magnesium oxide (= 6 % Mg)
- 44 % SO<sub>3</sub> water soluble sulphur trioxide (= 17.6 % S)

**Chemical Analysis**

	<b>w</b>	<b>typical</b>	<b>max.</b>
• Potassium Sulphate (K <sub>2</sub> SO <sub>4</sub> )	[%]	50.5	
• Magnesium Sulphate (MgSO <sub>4</sub> )	[%]	30.5	
• Other Sulphates (CaSO <sub>4</sub> , etc.)	[%]	1.5	
• Chlorides (KCl, NaCl)	[%]	5.5	
• Water of crystallisation (H <sub>2</sub> O)	[%]	12	
• Chloride, as Cl	[%]		3

**Granulometry**

	<b>w</b>	<b>typical</b>
• 2,0 - 5,0 mm	[%]	> 85
• d <sub>50</sub> [mm]		3.2 ± 0.3

**Physical properties**

- Bulk density ≈ 1190 kg/m<sup>3</sup>
- Bulk Density (packed) ≈ 1240 kg/m<sup>3</sup>
- Angle of Repose ≈ 35 °

**Storage**

- The product is to be kept dry and covered with a plastic tarpaulin to protect from moisture. Where bulk product is stored, steel joists and columns should be protected from corrosion, as well as the floor and the walls should be furnished with a protective coating. Wooden walls and roof girders have proved to be particularly durable.

**Application**

- Our product is made from crude potassium salt of natural origin and is permitted for use in organic farming according to the Regulations (EU) 2018/848 and (EU) 2021/1165.
- You will find detailed information on our website [www.kpluss.com/fertilizer](http://www.kpluss.com/fertilizer)

® = Registered trademark of K+S Minerals and Agriculture GmbH

The data given above are based on our continuous quality monitoring system. They do not exempt the user from his obligation to make an incoming inspection of the delivered product. The data are for information purposes and do not constitute any guarantee. It is the responsibility of the user to determine the product's suitability for his intended use.

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A K+S Company