

Technical data sheet



Product name: **Potassium carbonate**

Grade: **Extra pure**

Chemical formula: K_2CO_3

Molar mass: 138.20 g/mol

Synonyms: Dipotassium carbonate; Carbonate of potash

General information	
Cas- No.	584-08-7
Ec-No.	209-529-3
Appearance	white, hygroscopic solid
Boiling point	N/A
Melting point	891 °C
Flash point	N/A
Spec.density	2.43 g/cm ³ (20°C)
Vapour pressure	N/A
Solub. In H ₂ O	1120 g/l (20°C)
Storage temp	+15°C to +25°C
R:	36/37/38
S:	22-26

Specification	
Assay (dried substance)	99.5-100.5 %
Identity	conforms
Appearance of solution	conforms
Insoluble substance	conforms
Chloride	≤0.002%
Total sulfur	≤0.004%
Heavy metals(as pb)	≤0.0005%
Loss on drying (105°C)	≤0.5%
Residual solvents	conforms
pH value	11.5- 12.5(5%, H ₂ O, 20°C)
Bulk density	~750 kg/ m ³

Symbol:



packaging:

Available Pack	1Kg	5Kg	10Kg
P.E	*	*	*
GLASS	-	-	-



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