

3258 – POTASSIUM SILICATE POWDER

REF NO: TBL/QA/SS/LC/3258	STANDARD SPECIFICATION FOR POTASSIUM SILICATE POWDER	Rev. No: 03
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PRODUCT PROPERTIES

C.A.S Number	1312-76-1
Chemical Formula	K_2O_3Si
Formula weight	154.28
Functional Uses	Potassium Silicate powder is used as agriculture as soil conditioner, plant growth stimulator & organic fungicide. It is a source of highly soluble potassium and silicon ions.
Standard Packaging	500 gm. & 50 kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (1M in H ₂ O at 25°C)	10.5 – 12.0
K ₂ O	NLT 28.0%
SiO ₂	NLT 58.0%
Loss on drying	NMT – 5.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

