

Technical Data Sheet

Potassium Silicate Powder				
Product	Potassium Silicate Powder			
Product Code	KSP-200			
Technical Data Sheet (Properties)				
Chemical Properties				
Sr. No	Characteristic	Unit	Specification	Test Method
1	Weight. Ratio (SiO ₂ :K ₂ O)	-	1.45-1.65	IS-14212:1995
2	Molar. Ratio (SiO ₂ :K ₂ O)	-	2.26-2.54	IS-14212:1995
3	K ₂ O Content	%	35-40	IS-14212:1995
4	SiO ₂ Content	%	54-58	IS-14212:1995
Physical Properties				
5	Appearance	-	White Powder	Visually
6	Moisture	%	5 Max	-
7	Bulk Density	gm/liter	300-600	Untapped

Packing loading & shelf life.

Packing	25KG PP bag with PE liner, 25KG/50KG PP bag with PE liner packed in super sack 300 KG
Loading – W/o Pallet	25KG – 10mt/20HQ;21mt/40HQ 300 KG Super Sack – 6MT/20FCL; 12MT/40FCL
Loading – On Pallet	25KG – 6mt/20FCL; 12MT/40FCL
Shelf Life	12 Month under proper storage condition*

** Proper Storage condition: Keep container tightly closed, keep in cool, dry and ventilated place, and avoid strong acid.*

Technical Data Sheet

Potassium Silicate Powder				
Product		Potassium Silicate Powder		
Product Code		KSP-300		
Technical Data Sheet (Properties)				
Chemical Properties				
Sr. No	Characteristic	Unit	Specification	Test Method
1	Weight. Ratio (SiO ₂ :K ₂ O)	-	2.0-2.2	IS-14212:1995
2	Molar. Ratio (SiO ₂ :K ₂ O)	-	3.12-3.96	IS-14212:1995
3	K ₂ O Content	%	27-30	IS-14212:1995
4	SiO ₂ Content	%	56-62	IS-14212:1995
Physical Properties				
5	Appearance	-	White Powder	Visually
6	Moisture	%	10 Max	-
7	Bulk Density	gm/liter	300-600	Untapped

Packing loading & shelf life.

Packing	25KG PP bag with PE liner, 25KG/50KG PP bag with PE liner packed in super sack 300 KG
Loading – W/o Pallet	25KG – 10mt/20HQ; 21mt/40HQ 300 KG Super Sack – 6MT/20FCL; 12MT/40FCL
Loading – On Pallet	25KG – 6mt/20FCL; 12MT/40FCL
Shelf Life	12 Month under proper storage condition*

** Proper Storage condition: Keep container tightly closed, keep in cool, dry and ventilated place, and avoid strong acid.*

Technical Data Sheet

Potassium Silicate Powder				
Product		Potassium Silicate Powder		
Product Code		KSP-500		
Technical Data Sheet (Properties)				
Chemical Properties				
Sr. No	Characteristic	Unit	Specification	Test Method
1	Weight. Ratio (SiO ₂ :K ₂ O)	-	1.65-1.75	IS-14212:1995
2	Molar. Ratio (SiO ₂ :K ₂ O)	-	2.56-2.73	IS-14212:1995
3	K ₂ O Content	%	31.5-33.5	IS-14212:1995
4	SiO ₂ Content	%	55-58	IS-14212:1995
Physical Properties				
5	Appearance	-	White Powder	Visually
6	Moisture	%	10 Max	-
7	Bulk Density	gm/liter	500-800	Untapped

Packing loading & shelf life.

Packing	25KG PP bag with PE liner, 25KG/50KG PP bag with PE liner packed in super sack 300 KG
Loading – W/o Pallet	25KG – 10mt/20HQ;21mt/40HQ 300 KG Super Sack – 6MT/20FCL; 12MT/40FCL
Loading – On Pallet	25KG – 6mt/20FCL; 12MT/40FCL
Shelf Life	12 Month under proper storage condition*

** Proper Storage condition: Keep container tightly closed, keep in cool, dry and ventilated place, and avoid strong acid.*