

Technical Data Sheet

Potassium Silicate Liquid				
Product Name		Potassium Silicate Liquid		
Product Code		KL-30B		
<u>Technical Data Sheet (Properties)</u>				
Chemical Properties				
Sr. NO	Characteristic	Unit	Specification	Test Method
1	Weight. Ratio	-	2.1 - 2.3	IS-14212:1995
2	Molar. Ratio	-	3.27 -3.58	IS-14212:1995
3	K ₂ O Content	%	9-10	IS-14212:1995
4	SiO ₂ Content	%	20-22	IS-14212:1995
5	Total Solid	%	29-30	IS-14212:1995
Physical Properties				
6	Appearance	-	Colorless Liquid	Visually
7	Baume (Degree) at 27 °C	⁰ Be	28-32	IS-14212:1995
8	Sp Gravity	-	1.250-1.300	IS-14212:1995

Packing, Loading & Shelf life.

Packing	50KG,100KG,250KG,300KG HDPE Drums , 1000 to 1200 KG IBC Tank Tanker loading – 10 to 30 MT
Loading – W/o Pallet	50KG,100KG,250KG,300KG – 20 to 24 MT/20FCL 1300-1400 KG IBC Tank – 22 to 25 MT/20FCL
Loading – On Pallet	50KG & 100KG – 18 to 20MT/20FCL 250KG & 300KG – 22 to 26 MT/20FCL
Shelf Life	24 Month under proper storage condition*

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

REGISTERED OFFICE

Third Floor, Embassy House, Mahendra Mill Road, Nr. JP Gate, At. Kalol, Dist. Gandhinagar - 382721, Gujarat, India

FACTORIES GLASSCO: Padra, Vadodara | METACO: Kalol, Gandhinagar

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Technical Data Sheet

Potassium Silicate Liquid				
Product Name		Potassium Silicate Liquid		
Product Code		KL-34B		
Technical Data Sheet (Properties)				
Chemical Properties				
Sr. NO	Characteristic	Unit	Specification	Test Method
1	Weight. Ratio	-	2.0 - 2.2	IS-14212:1995
2	Molar. Ratio	-	3.12 -3.43	IS-14212:1995
3	K ₂ O Content	%	11-12	IS-14212:1995
4	SiO ₂ Content	%	22-25	IS-14212:1995
5	Total Solid	%	32-37	IS-14212:1995
Physical Properties				
6	Appearance	-	Colorless Liquid	Visually
7	Baume (Degree) at 27 °C	⁰ Be	32-34	IS-14212:1995
8	Sp Gravity	-	1.320-1.360	IS-14212:1995

Packing, Loading & Shelf life.

Packing	50KG,100KG,250KG,300KG HDPE Drums , 1000 to 1200 KG IBC Tank Tanker loading – 10 to 30 MT
Loading – W/o Pallet	50KG,100KG,250KG,300KG – 20 to 24 MT/20FCL 1300-1400 KG IBC Tank – 22 to 25 MT/20FCL
Loading – On Pallet	50KG & 100KG – 18 to 20MT/20FCL 250KG & 300KG – 22 to 26 MT/20FCL
Shelf Life	24 Month under proper storage condition*

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

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Technical Data Sheet

Potassium Silicate Liquid				
Product Name		Potassium Silicate Liquid		
Product Code		KL-38B		
Technical Data Sheet (Properties)				
Chemical Properties				
Sr. NO	Characteristic	Unit	Specification	Test Method
1	Weight. Ratio	-	2.0 - 2.2	IS-14212:1995
2	Molar. Ratio	-	3.12 -3.43	IS-14212:1995
3	K ₂ O Content	%	10-12	IS-14212:1995
4	SiO ₂ Content	%	20-24	IS-14212:1995
5	Total Solid	%	30-36	IS-14212:1995
Physical Properties				
6	Appearance	-	Colorless Liquid	Visually
7	Baume (Degree) at 27 °C	°Be	36-38	IS-14212:1995
8	Sp Gravity	-	1.360-1.380	IS-14212:1995

Packing, Loading & Shelf life.

Packing	50KG,100KG,250KG,300KG HDPE Drums , 1300 to 1400 KG IBC Tank Tanker loading – 10 to 30 MT
Loading – W/o Pallet	50KG,100KG,250KG,300KG – 20 to 24 MT/20FCL 1300-1400 KG IBC Tank – 22 to 25 MT/20FCL
Loading – On Pallet	50KG & 100KG – 18 to 20MT/20FCL 250KG & 300KG – 22 to 26 MT/20FCL
Shelf Life	24 Month under proper storage condition*

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

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Technical Data Sheet

Potassium Silicate Liquid				
Product Name		Potassium Silicate Liquid		
Product Code		KL-40B		
Technical Data Sheet (Properties)				
Chemical Properties				
Sr. NO	Characteristic	Unit	Specification	Test Method
1	Weight. Ratio	-	2.0 - 2.2	IS-14212:1995
2	Molar. Ratio	-	3.12 -3.43	IS-14212:1995
3	K ₂ O Content	%	12-14	IS-14212:1995
4	SiO ₂ Content	%	26-28	IS-14212:1995
5	Total Solid	%	38-42	IS-14212:1995
Physical Properties				
6	Appearance	-	Colorless Liquid	Visually
7	Baume (Degree) at 27 °C	°Be	39-41	IS-14212:1995
8	Sp Gravity	-	1.380-1.400	IS-14212:1995

Packing, Loading & Shelf life.

Packing	50KG,100KG,250KG,300KG HDPE Drums , 1300 to 1400 KG IBC Tank Tanker loading – 10 to 30 MT
Loading – W/o Pallet	50KG,100KG,250KG,300KG – 20 to 24 MT/20FCL 1300-1400 KG IBC Tank – 22 to 25 MT/20FCL
Loading – On Pallet	50KG & 100KG – 18 to 20MT/20FCL 250KG & 300KG – 22 to 26 MT/20FCL
Shelf Life	24 Month under proper storage condition*

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

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Technical Data Sheet

Potassium Silicate Liquid				
Product Name		Potassium Silicate Liquid		
Product Code		KL-48B		
Technical Data Sheet (Properties)				
Chemical Properties				
Sr. NO	Characteristic	Unit	Specification	Test Method
1	Weight. Ratio	-	1.30 – 1.50	IS-14212:1995
2	Molar. Ratio	-	2.02 -2.34	IS-14212:1995
3	K ₂ O Content	%	18-20	IS-14212:1995
4	SiO ₂ Content	%	26-28	IS-14212:1995
5	Total Solid	%	44-48	IS-14212:1995
Physical Properties				
6	Appearance	-	Colorless Liquid	Visually
7	Baume (Degree) at 27 °C	°Be	45-50	IS-14212:1995
8	Sp Gravity	-	1.450-1.500	IS-14212:1995

Packing, Loading & Shelf life.

Packing	50KG,100KG,250KG,300KG HDPE Drums , 1300 to 1400 KG IBC Tank Tanker loading – 10 to 30 MT
Loading – W/o Pallet	50KG,100KG,250KG,300KG – 20 to 24 MT/20FCL 1300-1400 KG IBC Tank – 22 to 25 MT/20FCL
Loading – On Pallet	50KG & 100KG – 18 to 20MT/20FCL 250KG & 300KG – 22 to 26 MT/20FCL
Shelf Life	36 Month under proper storage condition*

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

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Technical Data Sheet

Potassium Silicate Liquid				
Product Name		Potassium Silicate Liquid		
Product Code		KL-28B		
Technical Data Sheet (Properties)				
Chemical Properties				
Sr. NO	Characteristic	Unit	Specification	Test Method
1	Weight. Ratio	-	2.35 - 2.55	IS-14212:1995
2	Molar. Ratio	-	3.65 -3.95	IS-14212:1995
3	K ₂ O Content	%	8-9	IS-14212:1995
4	SiO ₂ Content	%	18-20	IS-14212:1995
5	Total Solid	%	26-29	IS-14212:1995
Physical Properties				
6	Appearance	-	Colorless Liquid	Visually
7	Baume (Degree) at 27 °C	^o Be	28-30	IS-14212:1995
8	Sp Gravity	-	1.240-1.270	IS-14212:1995

Packing, Loading & Shelf life.

Packing	50KG,100KG,250KG,300KG HDPE Drums , 1000 to 1200 KG IBC Tank Tanker loading – 10 to 30 MT
Loading – W/o Pallet	50KG,100KG,250KG,300KG – 20 to 24 MT/20FCL 1300-1400 KG IBC Tank – 22 to 25 MT/20FCL
Loading – On Pallet	50KG & 100KG – 18 to 20MT/20FCL 250KG & 300KG – 22 to 26 MT/20FCL
Shelf Life	24 Month under proper storage condition*

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

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