

Technical Data Sheet

Sodium Silicate Liquid				
Product Name		Sodium Silicate Liquid		
Grade		Neutral		
Product Code		NL-30B		
Technical Data Sheet (Properties)				
Chemical Properties				
Sr. NO	Characteristic	Unit	Specification	Test Method
1	Weight. Ratio	-	3.20 ± 0.10	IS-14212:1995
2	Molar. Ratio	-	3.30 ± 0.10	IS-14212:1995
3	Na ₂ O Content	%	6.0-7.1	IS-14212:1995
4	SiO ₂ Content	%	20-24	IS-14212:1995
5	Total Dissolved Solid	%	26-31	IS-14212:1995
Physical Properties				
6	Appearance	-	Colorless Liquid	Visually
7	Ph	-	10 - 11	Ph Meter
8	Baume (Degree)	^o Be	30-32	IS-14212:1995
9	Sp Gravity	-	1.250-1.300	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.*

Technical Data Sheet

Sodium Silicate Liquid				
Product Name		Sodium Silicate Liquid		
Grade		Neutral		
Product Code		NL-35B		
Technical Data Sheet (Properties)				
Chemical Properties				
Sr. NO	Characteristic	Unit	Specification	Test Method
1	Weight. Ratio	-	3.20 ± 0.10	IS-14212:1995
2	Molar. Ratio	-	3.30 ± 0.10	IS-14212:1995
3	Na ₂ O Content	%	7.5-8.0	IS-14212:1995
4	SiO ₂ Content	%	24-27	IS-14212:1995
5	Total Dissolved Solid	%	32-35	IS-14212:1995
Physical Properties				
6	Appearance	-	Colorless Liquid	Visually
7	Ph	-	10 - 11	Ph Meter
8	Baume (Degree)	⁰ Be	34-36	IS-14212:1995
9	Sp Gravity	-	1.330-1.360	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.*

Technical Data Sheet

Sodium Silicate Liquid				
Product Name		Sodium Silicate Liquid		
Grade		Neutral		
Product Code		NL-38B		
Technical Data Sheet (Properties)				
Chemical Properties				
Sr. NO	Characteristic	Unit	Specification	Test Method
1	Weight. Ratio	-	3.20 ± 0.10	IS-14212:1995
2	Molar. Ratio	-	3.30 ± 0.10	IS-14212:1995
3	Na ₂ O Content	%	8.25-8.75	IS-14212:1995
4	SiO ₂ Content	%	27.5-28.50	IS-14212:1995
5	Total Dissolved Solid	%	35.5-37	IS-14212:1995
Physical Properties				
6	Appearance	-	Colorless Liquid	Visually
7	Ph	-	10 - 11	Ph Meter
8	Baume (Degree)	^o Be	38	IS-14212:1995
9	Sp Gravity	-	1.370-1.380	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	36 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

Sodium Silicate Liquid				
Product Name		Sodium Silicate Liquid		
Grade		Neutral		
Product Code		NL-40B		
Technical Data Sheet (Properties)				
Chemical Properties				
Sr. NO	Characteristic	Unit	Specification	Test Method
1	Weight. Ratio	-	3.20 ± 0.10	IS-14212:1995
2	Molar. Ratio	-	3.30 ± 0.10	IS-14212:1995
3	Na ₂ O Content	%	8.75-9.25	IS-14212:1995
4	SiO ₂ Content	%	28.5-29.25	IS-14212:1995
5	Total Dissolved Solid	%	37-38	IS-14212:1995
Physical Properties				
6	Appearance	-	Colorless Liquid	Visually
7	Ph	-	10 - 11	Ph Meter
8	Baume (Degree)	⁰ Be	39-40	IS-14212:1995
9	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	36 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

Sodium Silicate Liquid				
Product Name		Sodium Silicate Liquid		
Grade		Neutral		
Product Code		NL-42B		
Technical Data Sheet (Properties)				
Chemical Properties				
Sr. NO	Characteristic	Unit	Specification	Test Method
1	Weight. Ratio	-	3.20 ± 0.10	IS-14212:1995
2	Molar. Ratio	-	3.30 ± 0.10	IS-14212:1995
3	Na ₂ O Content	%	8.85-9.50	IS-14212:1995
4	SiO ₂ Content	%	29.0-31.00	IS-14212:1995
5	Total Dissolved Solid	%	38-40	IS-14212:1995
Physical Properties				
6	Appearance	-	Colorless Liquid	Visually
7	Ph	-	10 - 11	Ph Meter
8	Baume (Degree)	⁰ Be	40-42	IS-14212:1995
9	Sp Gravity	-	1.400-1.420	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.*

REGISTERED OFFICE

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Technical Data Sheet

Sodium Silicate Liquid				
Product Name		Sodium Silicate Liquid		
Grade		Alkaline		
Product Code		AL-52B		
Technical Data Sheet (Properties)				
Chemical Properties				
Sr. NO	Characteristic	Unit	Specification	Test Method
1	Weight. Ratio	-	2.20 ± 0.10	IS-14212:1995
2	Molar. Ratio	-	2.27± 0.10	IS-14212:1995
3	Na ₂ O Content	%	14.5-15.5	IS-14212:1995
4	SiO ₂ Content	%	32-35	IS-14212:1995
5	Total Dissolved Solid	%	46 - 52	IS-14212:1995
Physical Properties				
6	Appearance	-	Colorless Liquid	Visually
7	Ph	-	11 - 12	Ph Meter
8	Baume (Degree)	⁰ Be	52-53	IS-14212:1995
9	Sp Gravity	-	1.560-1.600	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.*

Technical Data Sheet

Sodium Silicate Liquid				
Product Name		Sodium Silicate Liquid		
Grade		Alkaline		
Product Code		AL-62B		
Technical Data Sheet (Properties)				
Chemical Properties				
Sr. NO	Characteristic	Unit	Specification	Test Method
1	Weight. Ratio	-	1.65 ± 0.10	IS-14212:1995
2	Molar. Ratio	-	1.70 ± 0.10	IS-14212:1995
3	Na ₂ O Content	%	21-22	IS-14212:1995
4	SiO ₂ Content	%	33-36	IS-14212:1995
5	Total Dissolved Solid	%	55-58	IS-14212:1995
Physical Properties				
6	Appearance	-	Colorless Liquid	Visually
7	Ph	-	11 - 12	Ph Meter
8	Baume (Degree)	^o Be	61-62	IS-14212:1995
9	Sp Gravity	-	1.750-1.770	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.*

Technical Data Sheet

Sodium Silicate Liquid				
Product Name		Sodium Silicate Liquid		
Grade		Alkaline		
Product Code		AL-56B		
Technical Data Sheet (Properties)				
Chemical Properties				
Sr. NO	Characteristic	Unit	Specification	Test Method
1	Weight. Ratio	-	2.20 ± 0.10	IS-14212:1995
2	Molar. Ratio	-	2.27± 0.10	IS-14212:1995
3	Na ₂ O Content	%	16.5-17.5	IS-14212:1995
4	SiO ₂ Content	%	35-37	IS-14212:1995
5	Total Dissolved Solid	%	52-54	IS-14212:1995
Physical Properties				
6	Appearance	-	Colorless Liquid	Visually
7	Ph	-	11 - 12	Ph Meter
8	Baume (Degree)	⁰ Be	56-57	IS-14212:1995
9	Sp Gravity	-	1.640-1.660	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.*