

Technical Data Sheet

Sodium Silicate Glass				
Product	Sodium Silicate Glass			
Grade	Alkaline			
Product Code	ALG-2.2R			
Specification (Properties)				
Chemical Properties				
Sr. NO	Characteristic	Unit	Specification	Test Method
1	Weight Ratio (Na ₂ O:SiO ₂)	-	2.10-2.22	IS-14212:1995
2	Molar Ratio (Na ₂ O:SiO ₂)	-	2.15-2.30	IS-14212:1995
3	Sodium (Na ₂ O)	%	29-31	IS-14212:1995
4	Silica (SiO ₂)	%	66-70	IS-14212:1995
5	Total Solid	%	99.5 Min	IS-14212:1995
Physical Properties				
6	Physical Appearance	-	Clear Lumps with light blue color	Visually
7	Water In Soluble	%	0.5 Max	IS-14212:1995

Packing, Loading & Shelf life.

Packing	25KG/50KG PP Bag , 1300 -1400 KG Super Sack, 25KG/50KG PP Bag packed in Super Sack 1000 KG
Loading – W/o Pallet	25KG/50KG – 25mt/20FCL 1300-1400 KG Super Sack – 24-26MT/20FCL 1000 KG Super Sack – 20MT/20FCL Loose loading in FCL – 20MT/20FCL
Loading – On Pallet	25KG&50KG – 20mt/20FCL 1300-1400 KG Super Sack – 24-26MT/20FCL 1000 KG Super Sack – 20MT/20FCL (Two super sack on each pallet)
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.*

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

+91 78743 78166 | +91 99744 84922

+91 99256 35966

pricetech230@gmail.com

www.pricetechchem.com

Technical Data Sheet

Sodium Silicate Glass				
Product	Sodium Silicate Glass			
Grade	Alkaline			
Product Code	ALG-2.4R			
Specification (Properties)				
Chemical Properties				
Sr. NO	Characteristic	Unit	Specification	Test Method
1	Weight Ratio (Na ₂ O:SiO ₂)	-	2.35-2.45	IS-14212:1995
2	Molar Ratio (Na ₂ O:SiO ₂)	-	2.42-2.52	IS-14212:1995
3	Sodium (Na ₂ O)	%	28-29	IS-14212:1995
4	Silica (SiO ₂)	%	70-72	IS-14212:1995
5	Total Solid	%	99.5 Min	IS-14212:1995
Physical Properties				
6	Physical Appearance	-	Clear Lumps with light blue color	Visually
7	Water In Soluble	%	0.5 Max	IS-14212:1995

Packing, Loading & Shelf life.

Packing	25KG/50KG PP Bag , 1300 -1400 KG Super Sack, 25KG/50KG PP Bag packed in Super Sack 1000 KG
Loading – W/o Pallet	25KG/50KG – 25mt/20FCL 1300-1400 KG Super Sack – 24-26MT/20FCL 1000 KG Super Sack – 20MT/20FCL Loose loading in FCL – 20MT/20FCL
Loading – On Pallet	25KG&50KG – 20mt/20FCL 1300-1400 KG Super Sack – 24-26MT/20FCL 1000 KG Super Sack – 20MT/20FCL (Two super sack on each pallet)
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.*

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

+91 78743 78166 | +91 99744 84922

+91 99256 35966

pricetech230@gmail.com

www.pricetechchem.com

Technical Data Sheet

Sodium Silicate Glass				
Product		Sodium Silicate Glass		
Grade		Alkaline		
Product Code		ALG-2.5R		
Specification (Properties)				
Chemical Properties				
Sr. NO	Characteristic	Unit	Specification	Test Method
1	Weight Ratio (Na ₂ O:SiO ₂)	-	2.45-2.55	IS-14212:1995
2	Molar Ratio (Na ₂ O:SiO ₂)	-	2.52-2.62	IS-14212:1995
3	Sodium (Na ₂ O)	%	27.5-28.5	IS-14212:1995
4	Silica (SiO ₂)	%	70-72	IS-14212:1995
5	Total Solid	%	99.5 Min	IS-14212:1995
Physical Properties				
6	Physical Appearance	-	Clear Lumps with light blue color	Visually
7	Water In Soluble	%	0.5 Max	IS-14212:1995

Packing, Loading & Shelf life.

Packing	25KG/50KG PP Bag , 1300 -1400 KG Super Sack, 25KG/50KG PP Bag packed in Super Sack 1000 KG
Loading – W/o Pallet	25KG/50KG – 25mt/20FCL 1300-1400 KG Super Sack – 24-26MT/20FCL 1000 KG Super Sack – 20MT/20FCL Loose loading in FCL – 20MT/20FCL
Loading – On Pallet	25KG&50KG – 20mt/20FCL 1300-1400 KG Super Sack – 24-26MT/20FCL 1000 KG Super Sack – 20MT/20FCL (Two super sack on each pallet)
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.*

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

+91 78743 78166 | +91 99744 84922

+91 99256 35966

pricetech230@gmail.com

www.pricetechchem.com

Technical Data Sheet

Sodium Silicate Neutral Glass				
Product		Sodium Silicate Glass		
Grade		Neutral		
Product Code		NLG-3.2R		
Specification (Properties)				
Chemical Properties				
Sr. NO	Characteristic	Unit	Specification	Test Method
1	Weight Ratio (Na ₂ O:SiO ₂)	-	3.2-3.3	IS-14212:1995
2	Molar Ratio (Na ₂ O:SiO ₂)	-	3.30-3.4	IS-14212:1995
3	Sodium (Na ₂ O)	%	22.5-23.5	IS-14212:1995
4	Silica (SiO ₂)	%	75-77	IS-14212:1995
5	Total Solid	%	99.5 Min	IS-14212:1995
Physical Properties				
6	Physical Appearance	-	Clear Lumps with light blue color	Visually

Packing, Loading & Shelf life.

Packing	25KG/50KG PP Bag , 1300 -1400 KG Super Sack, 25KG/50KG PP Bag packed in Super Sack 1000 KG
Loading – W/o Pallet	25KG/50KG – 25mt/20FCL 1300-1400 KG Super Sack – 24-26MT/20FCL 1000 KG Super Sack – 20MT/20FCL Loose loading in FCL – 20MT/20FCL
Loading – On Pallet	25KG&50KG – 20mt/20FCL 1300-1400 KG Super Sack – 24-26MT/20FCL 1000 KG Super Sack – 20MT/20FCL (Two super sack on each pallet)
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.*

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

+91 78743 78166 | +91 99744 84922

+91 99256 35966

pricetech230@gmail.com

www.pricetechchem.com

Technical Data Sheet

Sodium Silicate Glass				
Product		Sodium Silicate Glass		
Grade		22 Alkaline		
Product Code		ALG-22		
Specification (Properties)				
Chemical Properties				
Sr. NO	Characteristic	Unit	Specification	Test Method
1	Weight Ratio (Na ₂ O:SiO ₂)	-	1.55-1.65	IS-14212:1995
2	Molar Ratio (Na ₂ O:SiO ₂)	-	1.6-1.70	IS-14212:1995
3	Sodium (Na ₂ O)	%	38-40	IS-14212:1995
4	Silica (SiO ₂)	%	60-62	IS-14212:1995
5	Total Solid	%	99.5 Min	IS-14212:1995
Physical Properties				
6	Physical Appearance	-	Clear Lumps with light blue color	Visually
7	Water In Soluble	%	0.5 Max	IS-14212:1995

Packing, Loading & Shelf life.

Packing	25KG/50KG PP Bag , 1300 -1400 KG Super Sack, 25KG/50KG PP Bag packed in Super Sack 1000 KG
Loading – W/o Pallet	25KG/50KG – 25mt/20FCL 1300-1400 KG Super Sack – 24-26MT/20FCL 1000 KG Super Sack – 20MT/20FCL Loose loading in FCL – 20MT/20FCL
Loading – On Pallet	25KG&50KG – 20mt/20FCL 1300-1400 KG Super Sack – 24-26MT/20FCL 1000 KG Super Sack – 20MT/20FCL (Two super sack on each pallet)
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.*

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

+91 78743 78166 | +91 99744 84922

+91 99256 35966

pricetech230@gmail.com

www.pricetechchem.com