

INDUSTRIAL
CHEMICALS
DIVISION



Bulletin 17-2B

Typical Property Data for PQ® Dry Sodium Silicates

PQ's Dry Sodium Silicates are water-soluble products of soda (Na_2O) and silica (SiO_2) manufactured from sodium silicate glass, which is produced in furnaces by melting high purity sand with soda ash.

PQ Dry Sodium Silicates are available in a range of silica: soda ratio, water content (anhydrous and hydrous), and particle size distribution (lump to powder) for use in numerous industrial applications. For additional information, see our website: www.PQCorp.com

PQ Dry Sodium Silicates are characterized by the property data shown below. The properties and ranges shown are typical values, not manufacturing specifications. Physical properties are measured at 20°C (68°F). For more information, please contact PQ Technical Service at 416-201-4355.

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PQ Product Name	Wt Ratio SiO ₂ :Na ₂ O ±0.1	Wt % Na ₂ O ±0.7	Wt % SiO ₂ ±1.0	Wt % H ₂ O ±1.5	Density		Particle Size, Tyler
					lb/ft ³	g/cm ³	
SS® & SS®22	3.22	23.5	75.7	0	88	1.41	Lumps
SS®-C	2.00	33.0	65.9	0	88	1.41	Lumps
SS®20 Pwd	3.22	23.5	75.7	0	65	1.04	Thru 20 mesh
SS® 65 Pwd	3.22	23.1	74.7	0	54	0.86	96% thru 65 mesh
SS®-C Pwd	2.00	33.4	65.9	0	45	0.72	Thru 65 mesh
SS®-C 20 Pwd	2.00	32.7	65.4	0	46	0.73	Thru 20 mesh
G®	3.22	19.2	61.8	18.5	45	0.70	89% thru 100 mesh
GA®	2.40	23.8	57.2	17.5	38	0.61	89% thru 100 mesh
GD®	2.00	27.0	54.0	18.0	46	0.73	75% thru 100 mesh
BRITESIL®C20	2.00	27.0	54.0	18.0	33	0.52	95% thru 35 mesh
BRITESIL®C24	2.40	23.8	57.2	17.5	38	0.61	99% thru 10 mesh
BRITESIL®H20	2.00	27.0	54.0	17.5	50	0.80	94% held on 100 mesh
BRITESIL®H24	2.40	23.8	57.2	17.5	52	0.83	96% held on 100 mesh

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