

Solvay Chemicals Soda Solvay® Dense Soda Ash (European Grade)

Category : Fluid

Material Notes:

Soda Ash Dense is the grade preferred for glass manufacture because its granular properties make it dust-free and reduce the risks of segregation during transport and handling. Applications: Glass industry – Raw Material for melting; Chemical industry – Production of sodium derivatives; Detergents- Alkaline support; Metallurgical processes – Desulfurization of pig iron – Raw material for melting and Flue gas treatment – Removal of acidic components CAS Number: 497-19-8/EINECS: 207-838-8 Information provided by Solvay

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Chemicals-Soda-Solvay-Dense-Soda-Ash-European-Grade.php

Physical Properties	Metric	English	Comments
Density	1.02 - 1.13 g/cc	0.0368 - 0.0408 lb/in ³	Free flowing, Typical
	0.950 - 1.20 g/cc	0.0343 - 0.0434 lb/in ³	Free flowing, Specification
	2.533 g/cc	0.09151 lb/in ³	
Solubility in Water	21.4 %	21.4 %	
pH	11.26	11.26	1% in water
Molecular Weight	106 g/mol	106 g/mol	

Thermal Properties	Metric	English	Comments
Melting Point	851 Â°C	1560 Â°F	

Descriptive Properties	Value	Comments
Composition	<0.04%	Na2SO4, Specification
	<0.15%	NaCl, Specification
	<150 ppm	MgO, Specification
	<21 ppm	Fe2O3, Specification
	<280 ppm	CaO, Specification
	>99%	Na2CO3, Specification
	0.0013	NaCl, Typical
	0.01-0.02%	Na2SO4, Typical
	0.579	Na2O, Specification
	0.583	Na2O, Typical

Descriptive Properties	Value	Comments
	2-10 ppm	Fe2O3, Typical
	32-100 ppm	CaO, Typical
	40-118 ppm	MgO, Typical
Granulometry	<1%	>2 mm, Specification
	<10%	<0.125 mm, Specification
	<15%	>1 mm, Specification
	0.2-1.0%	<0.063 mm, Specification
	0.4-7.0%	>1 mm, Typical
	0-0.3%	>2 mm, Typical
	1.6-3%	>0.125 mm, Typical
	12-40%	>0.5 mm, Typical
Loss on drying	<0.5%	Specification
	0.12-0.2%	Typical

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