

Technical Data Sheet

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Item Name:

Zeolite

PRODUCT INFORMATION

Chinese Name:	4A 沸石
Commodity Name:	4A Zeolite
Chemical Name:	Sodium Alumino Silicate
CAS No.:	As per composition list
Molecular Formula:	$\text{Na}_2\text{O} \cdot \text{Al}_2\text{O}_3 \cdot 2\text{SiO}_2 \cdot 4.5\text{H}_2\text{O}$

TECHNICAL SPECIFICATION

Index	Standard
Appearance	White powder
Ca^{2+} exchanging capacity by mgCaCO_3/g	310 min
White (w=y) by wt %	97 min
pH (1% suspension, 25°C)	11 max
Loss on Ignition (800°C, 1 h) by wt %	19.5 - 20.5
Al^{3+} content by wt %	18 min
Bulk density by g/L	500 max
Particle size by wt (on 325mesh sieve) %	0.5 max
1, D50(Average particle size)	2 - 5 um
2, Less than 4 um by wt %	90 min
3, Less than 10 um by wt %	99 min

COMPOSITION

Chemical Name	CAS#	Percentage
Silicon dioxide	7631-86-9	50 max
Sodium oxide	1313-59-3	30 max
Aluminum oxide	1344-28-1	30 max
Magnesium oxide	1309-48-4	5 max
Quartz	14808-60-7	3 max

PACKING, LOADING AND SHELF LIFE

Packing: 40/ 650kg PP bag with PE liner

Loading: 18.6 - 19.56mt/20'fcl for 40kg bags, 26mt/40'HQ for 650kg bags

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.