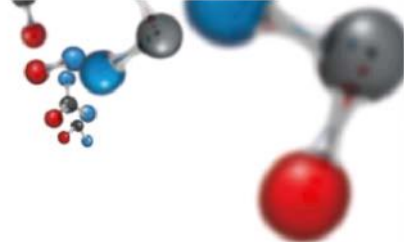


TECHNICAL DATA SHEET (TDS)

ACTIVATED ALUMINA SIALCA DF-I



Sialca DF - I is spherical (beads) form, manufactured and designed for purification of drinking water, such as, removal of fluoride compound.

GENERAL CHARACTERISTICS

Parameter	Unit	Requirements
Shape		Beads
Size	mm	1-3
Bulk Density	Gm/ lit	0.76 - 0.86
Surface Area	m ² / gm	300 + 50 or 300 -50
Pore Volume	Cc/ gm	0.42 – 0.48
Adsorption Capacity (60% RH)		22.0%
Attrition Loss %	max	0.22%

SPECIFICATIONS

Na ₂ O	0.25 max
Fe ₂ O	0.10 max
SiO ₂	0.08 max
TiO ₂	0.04 max
Promoter	YES
LOI (300 deg C- 1000 deg C)	6-8
Al ₂ O ₃ (By difference)	92 min

APPLICATION AREAS

Activated Alumina Sialca DF-I is used for purification of drinking water, removal of fluoride compound.

www.sialca.com

This information is based on our most recent knowledge. However, the application and processing of the material after sale is beyond our control and we cannot assume responsibility for use of this material outside Sialca Industries premises. The user is obliged to check the suitability of this material for the intended use and accepts sole responsibility for compliance with any legal requirements relating to its use. This document does not constitute a warranty or guarantee.

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Sialca Industries