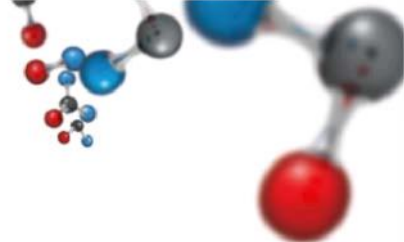


TECHNICAL DATA SHEET (TDS)

ACTIVATED ALUMINA SIALCA IS-I



Sialca IS - I is very efficient abrasion resistant desiccant / adsorbent in beads (spherical) form . It is used as drying organic liquids and gasses, inorganic gasses. It is an excellent desiccant for pressure swing dryers and packed dryers. It is also used as superior desiccant and adsorbent in reconditioning of transformer oil and industrial oil.

GENERAL CHARACTERISTICS

Parameter	Unit	Requirements
Shape		Spherical Beads
Size	mm	2-6 & 5-8
Bulk Density	Gm/ lit	0.75 - 0.85
Surface Area	m ² / gm	300 + 50 or 300 -50
Pore Volume	Cc/ gm	0.40 – 0.50
Adsorption Capacity (60% RH)		21.5
Attrition Loss %	max	0.20

SPECIFICATIONS

Activated Alumina Sialca IS-I	LOI (300 deg C-1000 deg C)	5-7
Water	Al ₂ O ₃ (By difference)	92 min.

APPLICATION AREAS

Activated Alumina Sialca IS-I is used as drying organic liquids and gasses, inorganic gasses.

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