

# Selexsorb<sup>®</sup> ST

Alumina based adsorbent for the removal of highly polar compounds from hydrocarbons

**BASF Selexsorb<sup>®</sup> ST is custom-formulated to provide optimum adsorption of compounds like TBC and water from styrene and butadiene.**

BASF Selexsorb ST is available as spheres with a nominal size of 1/16" (1.5 mm, 7x14 Mesh).

## Product Applications

BASF Selexsorb ST is ideal for the removal of tert-butyl catechol (TBC), water and potentially other stabilizers from monomer streams such as styrene and butadiene.

The tailored pore size distribution of Selexsorb ST provides an ideal network to avoid diffusion limitations and, ultimately, to achieve high affinity for large TBC molecules. It has also been specially formulated to reduce unwanted side reactions common to monomer process streams.

Uniform size distribution and low dust add to the effectiveness in liquid stream.

For proper handling the adsorbent in contact with monomers, please contact BASF for further details.

## Packaging

- 2000 lbs super sacks (FIBC, 907,185 kg), net

### Typical Chemical Composition (%)

Al<sub>2</sub>O<sub>3</sub> plus promoter 93

Lol (250-1100°C) 6

### Typical Physical Properties (%)

Surface Area, m<sup>2</sup>/g 350

Crush Strength, lbs (kg) 11 (5)

Packed Bulk Density, lbs/ft<sup>3</sup> (kg/m<sup>3</sup>) 49 (785)

Abrasion loss, wt. % 0.1

## About Us

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**BASF - We create chemistry**

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