



PRODUCT SPECIFICATIONS

mSORB[®] PS 5AB812B

Molecular Sieve, Type 5A, Binderless, 8 x 12 Mesh, Beaded

CHEMICAL FORMULA $\text{Ca}_{4.5} [(\text{AlO}_2)_{12}(\text{SiO}_2)_{12}] \cdot n\text{H}_2\text{O}$

PRODUCT DESCRIPTION

mSORB[®] 5AB812B is a specialty molecular sieve formulated to have superior macro porosity. The product is formed into beads and the amorphous clay portion of the binder is then converted to an active crystalline structure. This crystalline structure has properties similar to 5A molecular sieve, which allows for higher product purification.

SPECIFICATIONS		
Property	Value	Unit
Bead Size	8 x 12	Mesh
Nominal Pore Opening	5	Angstroms
Equilibrium Water Capacity @ 25°C	≥ 21.5	% Weight
Bulk Density	≥ .72	g/ml
	≥ .45	lbs/ft ³
Crush Strength	≥ 30	N
	≥ 6.7	lbs
Attrition	≥ 0.5	% Weight
Size Qualification	≥ 95	%
Package Moisture	≤ 1.0	% Weight

TYPICAL APPLICATIONS

Separation of iso-paraffins and normal-paraffins in vapor phase adsorption systems.

PACKAGING INFORMATION

Drums 150 kgs / 330 lbs
Super Sacks Fill weights to order specification

HANDLING & STORAGE RECOMMENDATIONS

Store **mSORB[®]** molecular sieve in a dry location to prevent premature water adsorption. Reseal packages after opening to prevent contamination and unintended water adsorption. We recommend that you rotate stock so oldest material is used first.

HEALTH & SAFETY INFORMATION

Health and Safety Information is available on product MSDS, which can be downloaded from our web site www.interraglobal.com or by contacting Interra Global Corporation at 847.292.8600.