

ADSORBENT SORBEO MS10 O2

(Adsorption- purification)



DESCRIPTION

Sorbeo MS10 O2 is alkali alumino-silicate in sodium form of the "X" type structure and have an effective pore opening of 9 Angstrom (0,9nm).

Sorbeo MS10 O2 is designed and developed for the production of oxygen rich gas streams from air. The optimized formulation of product results in a high nitrogen adsorption capacity and fast adsorption kinetics without compromising the beads' mechanical stability. Properties make it an ideal choice for the use in oxygen PSA technology.

APPLICATIONS⁽¹⁾

- Oxygen/Nitrogen separation

⁽¹⁾For any other technical gas please contact us or your local dealer

TECHNICAL SPECIFICATION (Typical Values)

Pellet Diameters	1.6-2.6 mm
Bulk Density	680 g/l
Crush	30 N
N2 Capacity (1atm & 25°C)	9.0 ml/g

STANDARD PACKING

MODEL	PACKAGE	MASS
SORBEO MS10 O2-S	5,6 L container	3,8 kg
SORBEO MS10 O2-M	17 L container	11 kg
SORBEO MS10 O2-L	35,4 L container	23,5 kg
SORBEO MS10 O2-XL	189,5 L barrel	125 kg

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	Our quality management system is certified by BUREAU VERITAS in conformity with ISO 9001:2008 Reg. number: 200285	
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HANDLING AND STORAGE

Adsorbent SORBEO MS10 should be handled so as to avoid generation of dusty conditions at the workplace. When pouring into a container in the presence of flammable liquids, gases or dust, earth both containers electrically to prevent a static electric spark and the risk of explosion. Storage in a dry warehouse is recommended. Open packages should be resealed to prevent contamination and adsorption of water or other gases and vapors. The material in drums has a shelf life of 5 years.

FIRST AID MEASURES

Inhalation	Get fresh air If respiratory difficulties persist seek medical attention
Skin contact	Adsorbent does not irritate the skin
Eye contact	Rinse with water or eye-cleaning solution If irritation persists seek medical attention
Ingestion	Seek medical attention

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