

ADSORBENT SORBEO AC

(Adsorption – Purification)



DESCRIPTION

Activated carbon packages can purify compressed⁽²⁾ air and gases⁽¹⁾ by means of an adsorptive process and is often used for separating oil vapors from compressed air flows.

Sorbeo AC is a high efficient pellet-shaped adsorbent offering low abrasion. It provides a high density and high activity (iodine number) - both fundamental characteristics of a high quality activated carbon. Furthermore, a low ash and low water content results in a maximum amount of effective carbonaceous material.

APPLICATIONS⁽²⁾

- Oil vapours removal

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

⁽²⁾Adsorbent AC can be used in variety of applications. For applications not listed please contact us or your local dealer.

TECHNICAL SPECIFICATION (Typical Values)

Appearance	Pelletized carbon	
Pellet Diameter	approx. 3 mm	
Bulk Density	500±30 g/l	
Iodine Number	> 900 mg/g	
CTC-activity	> 60%	
Specific Surface Area	approx. 1,050 m ² /g	
Water Content, as Packed	max. 5%	
Ash Content, as Packed	max. 3%	
Benzene Loading in Air (20°C) at		
	288 g/m ³	44 ±3%
	32 g/m ³	38 ±3%
	3.2 g/m ³	24 ±3%
	0.3 g/m ³	13 ±3%

STANDARD PACKING

MODEL	PACKAGE	MASS ⁽¹⁾
SORBEO AC-S	5,6 L container	2,5 kg
SORBEO AC-M	17 L container	8 kg
SORBEO AC-L	35,4 L container	16,5 kg
SORBEO AC-XL	220 L barrel	103 kg

⁽¹⁾Refers to NET weight of bulk material


HANDLING AND STORAGE

Sorbeo AC should be handled so as to avoid generation of dusty conditions at the workplace. Store under dry conditions. Do not store with strong oxidizing agents, nor with solvents. Precautions against fire and explosion: product is flammable. During smoldering fires carbon monoxide and carbon dioxide are produced

HEALTH AND SAFETY INFORMATION

Sorbeo AC is a carbonaceous material CAS No. 7440-44-0. Ensure good ventilation, wear safety glasses. Nevertheless, the user is responsible for controlling the working environment according to local regulations. Forming an explosive mixture is possible under certain conditions. As extinguishing media use foam or water, do not use CO₂.

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	Our quality management system is certified by BUREAU VERITAS in conformity with ISO 9001:2015 Reg. number: 200285	
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