

Product Data Sheet

Activated Carbon Packages SEDAPAC..A

Version: 1.0

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Field of application

Activated carbon, as supplied in SEDAPAC..A activated carbon packages, can purify compressed air and gases by means of an adsorptive process and is mainly used for separating oil vapours from compressed air flows. Activated carbon, of course, can be used for other applications according to its specifications at any time.

Features

Activated carbon, as supplied in SEDAPAC..A activated carbon packages, is a high efficient, ball-shaped adsorbent offering low abrasion. The activated carbon 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 the activated carbon consists of. Another important adsorption parameter is the methylene blue adsorption capacity or methylene blue number. The activated carbon supplied in SEDAPAC..A activated carbon packages is specially activated so both iodine and methylene blue numbers are exceptionally high.

Product specific data

Specification	
Appearance	Pelletized carbon
Apparent density	500 ±30 kg/m ³
Pellet diameter	approx. 3 mm
Water content, as packed	max. 5%
Ash content, as packed	max. 3%
Iodine number	> 900 mg/g
CTC-activity	> 60%
Specific surface area	approx. 1,050 m ² /g
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%

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Specifications subject to change without notice

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Latest version see www.fstweb.de

Materials

Activated carbon	Basic material coconut shells, bituminous coal and wood

Other directives

Activated carbon	Activated carbon must be disposed of according to the European waste code. A possible oil contamination must be taken into account.

Bundles

Size of bundle	
SEDAPAC 3 A	3 kg / 10 litres container
SEDAPAC 10 A	10 kg / 30 litres container
SEDAPAC 100 A	100 kg / 200 litres barrel
SEDAPAC 500 A	500 kg / 1,200 litres big-bag