

Product Data Sheet

Drying Agent Packages SEDAPAC..WS

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Field of application

Desiccant, as supplied in SEDAPAC..WS drying agent packages, can dry compressed air and gases by means of an adsorptive process and is mainly used for heat regenerated desiccant dryer systems. The desiccant is 100% water-resistant and is used as a protective layer for other, non-resistant adsorbents such as normal silica gels, molecular sieves, activated alumina, activated carbons and catalysts. The desiccant, of course, can be used for other applications according to its specifications at any time.

Features

Desiccant, as supplied in SEDAPAC..WS drying agent packages, is a high efficient, ball-shaped adsorbent. It provides a low abrasion rate and a very high resistance to crushing, resulting in long lifetimes and reduced operating costs. The desiccant serves a wide range of applications and provides a high level of economy (above-average drying capacity at low required desorption energy) and reliability (low level of product loss, high mechanical strength) deriving from a combination of unique properties (high specific surface area, high bulk density, spherical bead shape).

Product specific data

Specification	
Appearance	Spherical beads
Apparent density	700 kg/m ³
Grain size	approx. 2-5 mm
Surface area (BET)	650 m ² /g
Pore volume	0.45 cm ³ /g
Crushing strength	120 N
Abrasion rate	0.05 wt.%
Liquid water resistant	Yes
Equilibrium capacity	10% R.H. (4 wt.%), 80% R.H. (42 wt.%) for water vapour at 25°C

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Specifications subject to change without notice

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Latest version see www.fstweb.de

Materials

Desiccant	SiO ₂ (97 wt.%), Al ₂ O ₃ (3 wt. %)

Other directives

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

Bundles

SEDAPAC 18 WS	18 kg / 30 litres container
SEDAPAC 130 WS	130 kg / 200 litres barrel
SEDAPAC 750 WS	750 kg / 1,200 litres big-bag