

Data Sheet

SCAT Active Carbon



SCAT active carbon is a steam activated, cylindrical shaped active carbon, based on mineral coal with excellent hardness and mechanical abrasion resistance. It offers a particular pore structure and can be regenerated with steam or hot gas. The active carbon is used for solvent recovery and separation of organic chemicals in the process of waste air purification.

Specifications

		Test method
Ball-pan-hardness (% of weight)	96 %	ASTM D 3802
Inner specific surface	1,500 m ² /g	DIN ISO 9277
Bulk density	415 ± 30 kg/m ³	ASTM D 2854
CTC adsorption (adsorbing capacity) (% of weight)	> 90 %	ASTM D 3467
Particle diameter	1.4 - 3 mm	ASTM D 2862
Ash content (% of weight)	< 5 %	ASTM D 2866
Specific humidity (% of weight when packed)	< 5 %	ASTM D 2867



Notes

The above mentioned data is based on the active carbon in its condition at the time of delivery. Test methods according to ASTM standards have been applied. These are available on demand.