

Data Sheet

S.C.A.T. Active Carbon



S.C.A.T. 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 | 1.200 m ² /g | DIN ISO 9277 |
| Bulk density | 410 ± 30 kg/m ³ | ASTM D 2854 |
| CCl ₄ adsorption (adsorbing capacity) (% of weight) | 70 % | ASTM D 5742 |
| Particle diameter | 2 - 4 mm | ASTM D 2862 |
| Ash content (% of weight) | < 10 % | 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.

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