

SOLCARB[®] 208CM 30X70 Coconut Based Granular Activated Carbon

DESCRIPTION

SOLCARB[®] 208CM 30x70 is made from selected grades of coconut shell and produced under rigidly controlled conditions by high temperature steam activation for use in **cigarette filters** to remove various vapour ingredients from cigarette smoke. Due to the microporous structure of **SOLCARB[®] 208CM 30x70**, it is able to remove undesirable constituents from smoke whilst not influencing the flavour and aroma characteristics, to meet the very strict specifications of cigarette producers.

SOLCARB[®] 208CM 30x70 is a proven product used by cigarette filter manufacturers.

FEATURES

SOLCARB[®] 208CM 30x70 coconut based granular activated carbon has several properties which explain its performance in a wide range of applications:

- Selected pore structure for maximum adsorption of undesirable constituents from smoke.
- Specific activity and internal surface area to keep the flavour and aroma characteristics of the smoke.
- Efficient adsorption rates with excellent retentivity for use in cigarette filters.
- Selected mesh size to comply with specified size limitations of the cigarette filter manufacturers.
- Uniform density.
- Controlled and adjusted moisture levels.

APPLICATION

Suitable for Dalmation, Wrap Around and Plug filters. **SOLCARB[®] 208CM 30x70** is of food grade quality and complies with all current tobacco ordinance specifications.

PROPERTIES

SPECIFICATIONS	208CM 30x70
Carbon tetrachloride activity, min., wt%	60
Dust Test, max	5
Moisture Content, as packed, max., wt%	12
Mesh size, US sieve Series, wt%	
>30 mesh (0.60 mm), max. %	5
<70 mesh (0.212 mm), max. %	1

(Please refer to the Sales Specification Sheets, which state the Chemviron Carbon test method used to define the above specifications. Copies are available upon request.)

TYPICAL PROPERTIES	208CM 30x70
Bed Density, kg/m ³	550
Hardness number, %	97
Dust Test	3
Total Surface Area, (N ₂ BET method ¹), m ² /g	1250
Iodine No	1250
Mean Particle Diameter, mm	0.4

¹ Brunauer, Emmet and Teller, J. Am. Chem Soc. 60. 309 (1938)
Other mesh sizes are available on request.



Tobacco field

PACKAGING

- 25 kg Bags
- Big Bags

SAFETY MESSAGE

Wet activated carbon preferentially removes oxygen from air. In closed or partially closed containers and vessels, oxygen depletion may reach hazardous levels. If workers are to enter a vessel containing carbon, appropriate sampling and work procedures for potentially low-oxygen spaces should be followed.



Charcoal cigarette filters

QUALITY

Each of our worldwide operations has achieved **ISO9001:2008** certification for their quality management system related to activated carbon. **Chemviron Carbon** guarantees the specifications against representative sampling.

CHEMVRON CARBON

Chemviron Carbon, the European operation of Calgon Carbon Corporation, is a global manufacturer, supplier, and developer of activated carbons, innovative treatment systems, value added technologies and services for optimising production processes and safely purifying the environment.

With our experience developed since the early years of the twentieth century, facilities around the world and a world-class team of over 1,200 employees, Calgon Carbon Corporation can provide the solutions to your most difficult purification challenges.

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ISO 9001
ISO 14001
ISO 22000
BUREAU VERITAS
Certification

