

BOYCE CARBON VAPOUR PHASE GRADE

Boyce Carbon Vapour Phase grade Activated carbons are specifically developed for effective removal of concentrations of odours and contaminants from vapour streams. The particle size and pore structure have been specifically designed to provide the best adsorption of impurities from vapour steam with the least flow resistance and also to adsorb by-products. These are produced from selected grades of quality coconut shell charcoal so as to have high density, high surface area and low ash content. Our vapour phase carbons have proved themselves to be successful solutions for a wide range of air filters manufactured by many of our customers.

Typical Specifications:

	BVP 4X8	BVP 12X20	BVP 30X60	TEST METHOD
MESH SIZE (USS)	4 x 8	12 x 20	30 x 60	ASTM D 2862
SURFACE AREA (m ² /gm)	1200	1150	1150	B.E.T N ₂ METHOD
APPARENT DENSITY (gm/cc)	0.48	0.49	0.49	ASTM D 2854
HARDNESS NO.	98	98	97	ASTM D 3802
MOISTURE (%/weight)	3	4	5	ASTM D 2867
ASH (%/weight)	3	3	4	ASTM D 2866
pH	9 - 11	9 - 11	9 - 11	ASTM D 3838

Specifications mentioned above are of our standard products and are not to be considered as the only purchase specifications. Any other different combination of particle size and activity level can be manufactured as per customer request to meet their specific requirements.

Standard Packing:

25 or 500 kg nett PP bags with inner polyliner, on pallets or loose stuffed in containers. Special packing like 550kg bags, 25kg cartons and in drums can be arranged as per customer requirement.

Shipping Information:

Boyce Carbon range of vapour phase carbons are produced by steam activation process and are exposed to the atmosphere for more than 24 hours before packing. It is therefore excluded from IATA #395, IMCO class 4.2 or UN1362. The product tariff No. is 3802.10.00 and the freight classifications are NMFC#40560, UFC #20460.

Other Information:

- Wet Activated Carbon depletes oxygen from air. When entering any enclosed area containing Activated carbon, the oxygen level must be determined, adequate precautions exercised and appropriate protective equipment used if necessary.
- Unimpregnated carbon is inert and non-toxic, is combustible but not easily below 250°C.
- The information/data are based on laboratory test results and while believed to be reliable do not imply any warranty or performance guarantee in particular applications. It is recommended that the buyer/user satisfy themselves on performance in actual application.
- We assume no liability or responsibility for any patent infringement resulting from use of this product.
- Specifications are subject to change without notice.