



*Hold your head high
Walk with confidence
amidst the puffy smoke.*



Vision Advance Speciality Carbons

Purity with Reliability

Cigarette Filters

A known pit. An unknown legacy.

Cigarette smoke has approximately over 5000 compounds. There are an estimated five million people losing their lives due to cigarette related illness, every year. Conventional filters do not have carbon, which fails to trap the harmful gases and impurities arising from cigarette smoke.



Activated carbon acts as an adsorbent with high surface area of 1000 m²/g, thereby, removing formaldehyde, acetaldehyde, acetone and acrolein from cigarettes.

We, at Vas Carbons, manufacture moisturized and non-moisturized granular coconut shell carbon and pass it on to cigarette and cigarette filter manufacturers. This helps the filters adsorb the carcinogens and other toxic ingredients that emerge out of tobacco smoke.

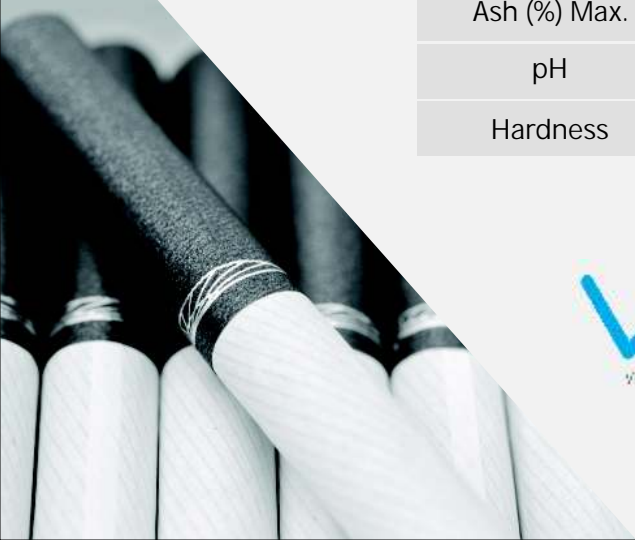
How exactly does Activated Carbon fare against Cellulose acetate?

It was gathered that cigarettes with cellulose acetate contained significant Benzo semi quinone (p-BSQ), which results in 100-200 pg/cigarette. Activated Carbon filters reduce the amount of p-BSQ in the mainstream smoke by 73-80%.



Common Mesh Grades Carbon for Scissors Filter

MeshGrade	12x20	30x60	35x70
Product Code	VAS 12x20	VAS 30x60	VAS 35x70
Type of Carbon	Granular	Granular	Granular
Iodine No. (mg/gm)	1050 - 1200	1050 - 1200	1050 - 1200
CTC %	45 Min, 50 Min, and 60 Min	45 Min, 50 Min, and 60 Min	45 Min, 50 Min, and 60 Min
Apparent Density (gm/cc)	0.43 - 0.54	0.43 - 0.54	0.43 - 0.54
Moisture (%) Max.	5	5	5
Ash (%) Max.	4	4	4
pH	9 - 11	9 - 11	9 - 11
Hardness	98	98	98



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