



CERAMATERIALS

"Your One Stop Shop for Thermal Processing"

Activated Carbon Felt

Activated carbon is a porous form of carbon which can be manufactured from a variety of carbonaceous raw materials. The activation process involves treating the raw material with steam or chemicals, thereby developing a pore structure.

The felt is a directly activated non-woven fibre with high surface area and good purity.

It has the features of large adsorption volume, fast adsorption speed, heat-resistance, acid resistance and alkaline resistance.

The regeneration for activated carbon fiber is convenient. The adsorption capacity keeps almost same after many times of regeneration.

It is widely used in:

- Solvent recovery
- Air purification
- Water treatment
- Gas masks
- Cigarette filtration
- Nuclear air cleaning system
- Ozone elimination filter
- Gasoline fumes
- Vaporization protection for cars.



Grade	Specific Surface Area (M2/g)	Micropore volume (ml/g)	Density per sq meter (g/m2)	Micropore Diameter (A)	Benzene Adsorption Capacity (%)	Iodine Adsorption Value	Methylene Blue Adsorption Value (ml/g)	PH value	Fire Point Centigrade	Pricing/Square Meter USD
ACF1000	950	0.8-1.2	280 + - 30	17-20	30-35	850-900	150	5-7	500 Min	\$22
ACF1300	1200	0.8-1.2	250 + - 30	17-20	38-43	1100-1200	180	5-7	500 Min	\$25
ACF1500	1350	0.8-1.2	250 + - 30	17-20	45-50	1300-1400	220	5-7	500 Min	\$28
ACF1600	1500	0.8-1.2	250 + - 30	17-20	53-58	1400-1500	250	5-7	500 Min	\$32