

Adsorptive ability of Activated Carbon filters

This table lists the relative adsorptive ability of AAF Activated Carbon Filters for a partial list of compounds.

Code: E – Excellent High capacity. Each pound of activated carbon will adsorb an average 01331/.1% of Its weight in odour.

G – Good. Satisfactory capacity – approximate average of 16.7% of its weight

F – Fair. Not highly adsorbable.

P – Poor. Not suitable.

Compound	Code	Compound	Code	Compound	Code	Compound	Code
Acetaldehyde	F	Cyclohexanol	E	Hydrogen cyanide	G	Paint and Redecorating odours	E
Acetic acid	E	Cyclohexanone	E	Hydrogen fluoride	F	Palmitic acid	E
Acetic anhydride	E	Cyclohexene	E	Hydrogen Iodide	G	Paradichlorobenzine	E
Acetone	G	Oecane	E	Hydrogen selenide	F	Pentane	G
Acetylene	P	Debromoethane	E	Hydrogen sulfide	G	Pentanone	E
Acrolem	G	Dichlorobenzene	E	Incense	E	Pentylene	G
Acrylic acid	E	Oichlorodifluoromethane	E	Indole	E	Pentyne	G
Acrylonitrile	E	Oichloroethane	E	Iodine	E	Perchloroethylene	E
Alcoholic beverages	E	Oichloroethylene	E	Iodoform	E	Perfumes, cosmetics	E
Amines	F	Dichloroethyl ether	E	Irritants	E	Phenol	E
Ammonia	F	Dichloromonofluoromethane	G	Isophorone	E	Phosgene	G
Amyl acetate	E	Dichloronitroethane	E	Isoprene	G	Pitch	E
Amyl alcohol	E	Dichloropropane	E	Isopropyl acetate	E	Poison gases	G
Amyl ether	E	Dichlorotetrafluoroethane	E	Isopropyl alcohol	E	Pollen	G
Aniline	E	Diesel fumes	E	Isopropyl ether	E	Popcorn and candy	E
Asphalt fumes	E	Diethylamine	G			Poultry odours	E
Automobile exhaust	G	Diethyl ketone	E	Kerosene	E	Propane	F
Benwne	E	Dimethylaniline	E	Kitchen odours	E	Propionaldehyde	G
Body odours	E	Dimethylsulfate	E	Lactic acid	E	Propionic acid	E
Borane	G	Dioxane	E	Menthol	E	Propyl acetate	E
Bromine	E	Oipropyl ketone	E	Mercaptans	E	Propyl alcohol	E
Burned nesh	E	Ethane	P	Methane	P	Propyl chloride	E
Burned food	E	Ether	G	Methyl acetate	G	Propyl ether	E
Butadiene	G	Ethyl acetate	E	Methyl acrylate	E	Propyl mercaptan	E
Butane	F	Ethyl acrylate	E	Methyl alcohol	G	Propylene	F
Butanone	E	Ethyl alcohol	E	Methyl bromide	G	Propyne	F
Butyl acetate	E	Ethyl amine	G	Methyl butyl ketone	E	Putrefying substances	G
Butyl alcohol	E	Ethyl benzene	E	Methyl cellosolve	E	Putrescine	E
Butyl cellosolve	E	Ethyl bromide	E	Methyl cellosolve acetate	E	Pyridine	E
Butyl chloride	E	Ethyl chloride	G	Methyl chloride	G	Resins	E
Butyl ether	E	Ethyl chloride	G	Methyl chloroform	E	Rubber	E
Butylene	F	Ethyl ether	G	Methyl ether	E	Sauerkraut	E
Butyne	F	Ethyl formate	G	Methyl ethyl ketone	G	Sewer odours	E
Butyraldehyde	G	Ethyl mercaptan	G	Methyl formate	G	Skatole	E
Butyric acid	E	Ethyl silicate	E	Methyl isobutyl ketone	E	Slaughtering odours	G
		Ethylene	P	Methyl mercaptan	E	Smog	E
Camphor	E	Ethylene chlorhydrin	E	Methyl cyclohexane	E	Sour milks	E
Caprylic acid	E	Ethylene dichloride	E	Methyl cyclohexanol	E	Stoddard solvent	E
Carbolic acid	E	Ethylene oxide	G	Methyl cyclohexanone	E	Styrene monomer	E
Carbon disulfide	E	Essential oils	E	Methylene chloride	E	Sulfur dioxide	F
Carbon dioxide	P	Eucalyptole	E	Monochlorobenzene	P	Sulfur trioxide	G
Carbon monoxide	P	Fertilizer	E	Monofluorotri-chloromethane	E	Sulfuric acid	E
Carbon tetrachloride	E	Film Processing odours	G	Naphtha	E	Tetrachloroethane	E
Cellosolve	E	Fish odours	E	Naphthzlene	E	Tetrachloroethylene	E
Cellosolve acetate	E	Floral scents	E	Nitric acid	G	Tobacco smoke odour	E
Cheese	E	Fluorrichloromethane	G	Nitro benzenes	E	Toilet odours	E
Chlorine	G	Formaldehyde	F	Nitroethane	E	Toluene	E
Chlorobenzene	E	Formic acid	G	Nitrogen dioxide	F	Toluidine	E
Chlorobutadlene	E	Gangrene	E	Nitroglycerine	E	Trichlorethylene	E
Chloroform	E	Garlic	E	Nitromethane	E	Trichloroethane	E
Chloronitropropane	E	Gasoline	E	Nitropropane	E	Turpentine .	E
Chloroplcricin	E	Heptane	E	Nitrotoluene	E	Urea	F
Citrus and other fruits	E	Heptylene	E	Nonane	E	Uric acid	E
Cleaning compounds	E	Hexane	G	Octalene	E	Valerie acid	E
Coal smoke	G	Hexylene	G	Octane	E	Valeric aldehyde	E
Creosote	E	Hexyna	G	Onions	E	Varnish fumes	E
Cresol	E	Hydrogen	P	Organic chemicals	E		
Crotonaldehyde	E	Hydrogen bromide	G	Oone	E		
Cyclohexane	E	Hydrogen chloride	F	Packing house odours	E	Xylene	E

NOTE:

Estimates of adsorbing abilities are based on ASHRAE analysis and AAF evaluates the effectivity of each presented application.