

Adsorption Index of Activated Carbon



Key:

- 4: A very high level of adsorption
- 3: Good index, increased contact time may be needed.
- 2: Mediocre index that may require a particularly long contact time or impregnated grades.
- 1: Practically no adsorption, another solution must be sought

Adsorption Index of Activated Carbon For Various Types of Odour

2 Acetaldehyde	1 Carbon monoxide	3 Ethyl bromide	4 Lubricants	3 Pentylene
4 Acetic acid	4 Carbon tetrachloride	1 Ethylene	4 Medicinal odours	3 Pentyne
4 Acetic anhydride	3 Chlorine	4 Ethylene dichloride	4 Menthol	4 Perchloroethylene
3 Acetone	4 Chlorobenzene	2 Ethylene oxide	4 Mercaptan 2-4	4 Perfumes, cosmetics
1 Acetylene	4 Chloroform	2 Ethyl mercaptan	1 Methane	4 Perspiration
3 Acids 2-4	4 Chloronitropropane	4 Ethyl silicate	3 Methyl acetate	4 Petrol
3 Acrolein	4 Chloropicrin	4 Eucalyptol	4 Methyl acrylate	4 Phenol
4 Acrylic acid	4 Chloroprene	4 Faecal odours	2 Methyl alcohol	3 Phosgene
4 Acrylonitrile	3 Cigarette smells	3 Farmyard smells	3 Methyl bromide	4 Plastics
4 Adhesives	4 Cleaning solvents	4 Fertiliser	4 Methyl butyl ketone	2 Propane
4 Alcohol 2-4	3 Cooking smells	3 Film developing	3 Methyl chloride	4 Propanol
4 Amines 2-4	4 Creosote	2 Fish odours	4 Methylcyclohexane	2 Propylene
2 Ammonia	4 Cresol	4 Floral odours	4 Methylcyclohexanol	4 Propyl mercaptan
2 Amyl acetate	4 Cyclohexane	2 Formaldehyde	4 Methylcyclohexanone	4 Resins
4 Amyl alcohol	4 Cyclohexanol	3 Formic acid	4 Methylene chloride	4 Rubber
4 Amyl ether	4 Cyclohexanone	3 Freon	3 Methyl ether	2 Slaughterhouse
3 Anaesthetics	4 Cyclohexene	4 Gangrene smell	4 Methyl ethyl ketone	3 Soap
4 Aniline	4 Deodorants	4 Garlic	4 Methyl isobutyl ketone	3 Solvents
4 Animal carcasses	4 Detergents	4 Heptane	4 Methyl mercaptan	4 Styrene monomer
3 Animal odours	4 Dibromoethane	4 Heptylene	4 Monochlorobenzene	2 Sulphur components
4 Antiseptics	4 Dichlorobenzene	3 Hexane	4 Naphtha (coal tar)	2 Sulphur dioxide
4 Asphalt fumes	4 Dichloroethane	3 Hexylene	4 Naphtha (oil)	4 Sulphuric acid
3 Bathroom smells	4 Dichloroethylene	3 Hospital odours	4 Naphthalene	3 Sulphur trioxide
4 Benzene	4 Diesel fumes	4 Household smells	4 Nicotine	4 Tar
3 Bleaching solutions	3 Diethylamine	1 Hydrogen	3 Nitric acid	4 Tetrachloroethane
2 Body odours	3 Diethyl ketone	2 Hydrogen bromide	4 Nitrobenzene	4 Tetrachloroethylene
4 Bromine	4 Dimethylaniline	2 Hydrogen chloride	4 Nitroethane	3 Tetrahydrofuran
4 Burnt flesh	4 Dimethylsulfate	2 Hydrogen cyanide	2 Nitrogen dioxide	4 Tobacco odours
3 Butadiene	4 Dioxane	2 Hydrogen fluoride	4 Nitroglycerine	4 Toilet smells
2 Butane	4 Dipropyl ketone	3 Hydrogen iodide	4 Nitromethane	4 Toluene
4 Butanone	4 Disinfectants	2 Hydrogen sulphide	4 Nitropropane	4 Trichloroethylene
4 Butyl acetate	4 Embalming products	4 Incense	4 Nitrotoluene	4 Urea
4 Butyl alcohol	4 Essential oils	3 Industrial waste	4 Nonane	4 Uric acid
4 Butyl chloride	1 Ethane	4 Iodine	4 Octane	4 Vehicle exhaust
2 Butylene	3 Ether	4 Iodoform	4 Onions	4 Vinegar
4 Butyric acid	4 Ethyl acetate	3 Isoprene	4 Ozone	2 Vinyl chloride
4 Camphor	4 Ethyl acrylate	4 Isopropyl acetate	4 Paint odours	2 Wood alcohol
4 Caprylic acid	2 Ethyl alcohol	3 Isopropyl alcohol	4 Paradichlorobenzene	4 Xylene
3 Carbon disulphide	3 Ethylamine	4 Kerosene	3 Pentane	
1 Carbon dioxide	4 Ethylbenzene	4 Lactic acid	4 Pentanone	