**Surface tension values of some common test liquids for surface energy analysis**

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| --- | --- | --- | --- |
| Name | CAS Ref.-No. | Surface tension @ 20 °C in mN/m | Temperature coefficient in mN/(m K) |
| 1,2-Dichloro ethane | 107-06-2 | 33.30 | -0.1428 |
| 1,2,3-Tribromo propane | 96-11-7 | 45.40 | -0.1267 |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | 28.80 | -0.0897 |
| 1,4-Dioxane | 123-91-1 | 33.00 | -0.1391 |
| 1,5-Pentanediol | 111-29-5 | 43.30 | -0.1161 |
| 1-Chlorobutane | 109-69-3 | 23.10 | -0.1117 |
| 1-Decanol | 112-30-1 | 28.50 | -0.0732 |
| 1-nitro propane | 108-03-2 | 29.40 | -0.1023 |
| 1-Octanol | 111-87-5 | 27.60 | -0.0795 |
| Acetone (2-Propanone) | 67-64-1 | 25.20 | -0.1120 |
| Aniline 22°C (AN) | 62-53-3 | 43.40 | -0.1085 |
| 2-Aminoethanol | 141-43-5 | 48.89 | -0.1115 |
| Anthranilic acid ethylester 22°C | 87-25-2 | 39.30 | -0.0935 |
| Anthranilic acid methylester 25 °C | 134-20-3 | 43.71 | -0.1152 |
| Benzene | 71-43-2 | 28.88 | -0.1291 |
| Benzylalcohol | 100-51-6 | 39.00 | -0.0920 |
| Benzylbenzoate (BNBZ) | 120-51-4 | 45.95 | -0.1066 |
| Bromobenzene | 108-86-1 | 36.50 | -0.1160 |
| Bromoform | 75-25-2 | 41.50 | -0.1308 |
| Butyronitrile | 109-74-0 | 28.10 | -0.1037 |
| Carbon disulfid | 75-15-0 | 32.30 | -0.1484 |
| Quinoline | 91-22-5 | 43.12 | -0.1063 |
| Chloro benzene | 108-90-7 | 33.60 | -0.1191 |
| Chloroform | 67-66-3 | 27.50 | -0.1295 |
| Cyclohexane | 110-82-7 | 24.95 | -0.1211 |
| Cyclohexanol 25 °C | 108-93-0 | 34.40 | -0.0966 |
| Cyclopentanol | 96-41-3 | 32.70 | -0.1011 |
| p-Cymene | 99-87-6 | 28.10 | -0.0941 |
| Decalin | 493-01-6 | 31.50 | -0.1031 |
| Dichloromethane | 75-09-2 | 26.50 | -0.1284 |
| [Diiodomethane](http://www.surface-tension.de/LIQUIDS/Diiodomethane3.htm) (DI) | 75-11-6 | 50.80 | -0.1376 |
| 1,3-Diiodopropane 23 °C | 627-31-6 | 46.51 | -0.1195 |
| Diethylene glycol (DEG) | 111-46-6 | 44.80 | -0.0841 |
| Dipropylene glycol | 25265-71-8 | 33.90 | -0.1070 |
| Dipropylene glycol monomethylether | 34590-94-8 | 28.41 | -0.1088 |
| Dodecyl benzene | 123-01-3 | 30.70 |  |
| Ethanol | 64-17-5 | 22.10 | -0.0832 |
| Ethylbenzene | 100-41-4 | 29.20 | -0.1094 |
| Ethylbromide | 74-96-4 | 24.20 | -0.1159 |
| Ethylene glycol (EG) | 107-21-1 | 47.70 | -0.0890 |
| Formamide (FA) | 75-12-7 | 58.20 | -0.0842 |
| Fumaric acid diethylester 22°C | 623-91-6 | 31.40 | -0.1039 |
| Furfural (2-Furaldehyde) | 98-01-1 | 41.90 | -0.1225 |
| Glycerol (GLY) | 56-81-5 | 64.00 | -0.0598 |
| Ethylene glycol monoethyl ether (Ethyl Cellosolve) | 110-80-5 | 28.60 | -0.0918 |
| Hexachlorobutadiene | 87-68-3 | 36.00 | -0.0994 |
| Iodobenzene | 591-50-4 | 39.70 | -0.1123 |
| Isoamylchloride | 107-84-6 | 23.50 | -0.1078 |
| Isobutylchloride | 513-36-0 | 21.90 | -0.1144 |
| Isopropanol | 67-63-0 | 23.00 | -0.0789 |
| Isopropylbenzene | 98-82-8 | 28.21 | -0.1054 |
| Isovaleronitrile | 625-28-5 | 26.00 | -0.0827 |
| m-Nitrotoluene | 99-08-1 | 41.40 | -0.1140 |
| Mercury | 7439-97-6 | 425.41 | -0.2049 |
| Methanol | 67-56-1 | 22.70 | -0.0773 |
| Methyl ethyl ketone (MEK) | 78-93-3 | 24.60 | -0.1199 |
| Methyl naphthalene | 90-12-0 | 38.60 | -0.1118 |
| N,N-dimethyl acetamide (DMA) | 127-19-5 | 36.70 | -0.1395 |
| N,N-dimethyl formamide (DMF) | 68-12-2 | 37.10 | -0.1400 |
| N-methyl-2-pyrrolidone | 872-50-4 | 40.79 | -0.1156 |
| n-Decane (DEC) | 124-18-5 | 23.83 | -0.0920 |
| n-Dodecane (DDEC) | 112-40-3 | 25.35 | -0.0884 |
| n-Heptane | 142-82-5 | 20.14 | -0.0980 |
| n-Hexadecane (HDEC) | 544-76-3 | 27.47 | -0.0854 |
| n-Hexane (HEX) | 110-54-3 | 18.43 | -0.1022 |
| n-Octane (OCT) | 111-65-9 | 21.62 | -0.0951 |
| n-Tetradecane (TDEC) | 629-59-4 | 26.56 | -0.0869 |
| n-Undecane | 1120-21-4 | 24.66 | -0.0901 |
| n-Butylbenzene | 104-51-8 | 29.23 | -0.1082 |
| n-Propylbenzene | 103-65-1 | 28.99 | -0.1071 |
| Nitroethane | 79-24-3 | 31.90 | -0.1255 |
| Nitrobenzene | 98-95-3 | 43.90 | -0.1177 |
| Nitromethane | 75-52-5 | 36.80 | -0.1678 |
| o-Nitrotoluene | 88-72-2 | 41.50 | -0.1229 |
| Perfluoroheptane | 335-57-9 | 12.85 | -0.0972 |
| Perfluorohexane | 355-42-0 | 11.91 | -0.0935 |
| Perfluorooctane | 307-34-6 | 14.00 | -0.0902 |
| Phenylisothiocyanate | 103-72-0 | 41.50 | -0.1172 |
| Phthalic acid diethylester 22°C | 84-66-2 | 37.00 | -0.1018 |
| Polyethylen glycol 200 (PEG) | 25322-68-3 | 43.50 | -0.1170 |
| Polydimethyl siloxane (Baysilone M5) | 9016-00-6 | 19.00 | -0.0365 |
| Propanol 25 °C | 71-23-8 | 23.70 | -0.0777 |
| Pyridine | 110-86-1 | 38.00 | -0.1372 |
| 3-Pyridylcarbinol 23°C (PYC) | 100-55-0 | 47.68 | -0.1259 |
| Pyrrol (PY) | 109-97-7 | 36.60 | -0.1100 |
| sym-Tetrabromoethane | 79-27-6 | 49.70 | -0.1528 |
| tert-Butylchloride | 507-20-0 | 19.60 | -0.1072 |
| sym-Tetrachloromethane | 56-23-5 | 26.95 | -0.1224 |
| Tetrahydrofuran (THF) | 109-99-9 | 26.40 | -0.1277 |
| Thiodiglycol ( 2,2'-Thiobisethanol) (TDG) | 111-48-8 | 54.00 | -0.0830 |
| Toluene | 108-88-3 | 28.40 | -0.1189 |
| Tricresylphosphate (TCP) | 1330-78-5 | 40.90 | -0.0887 |
| Water (WA) | 7732-18-5 | 72.80 | -0.1514 |
| o-Xylene | 95-47-6 | 30.10 | -0.1101 |
| m-Xylene | 108-38-3 | 28.90 | -0.1104 |
| -Bromonaphthalene (BN) | 90-11-9 | 44.40 | -0.0979 |
| -Chloronaphthalene | 90-13-1 | 41.80 | -0.1064 |