DENSITY SAMPLES

KRÜSS

Sorted by value

ρ [kg/dm3]	SAMPLES	T [°C]
0.621	Pentane	20
0.640	Fumaric acid	20
0.654	Hexane	20
0.684	Heptane	20
0.699	1-Heptene	20
0.703	Octane	20
0.714	Diethyl ether	20
0.718	1-Octene	20
0.733	1-Nonene	20
0.743	1-Decene	20
0.747	Di-n-propyl ether	20
0.752	1-Undecene	20
0.764	Methylcyclohexane	20
0.779	Cyclohexane	20
0.780	1-Pentadecene	20
0.783	Acetonitrile	20
0.789	tert-Butanol	20
0.789	Ethanol	20
0.792	Methanol	20
0.799	Acetone	20
0.800	Methyl isobutyl ketone (MIBK)	20
0.802	Isobutanol	20
0.804	1-Propanol	20
0.805	Cyclopentadiene	20
0.805	Methyl ethyl ketone (MEK)	20
0.810	1-Butanol	20
0.810	Kerosene	20
0.811	Cyclohexene	20

Alphabetical order

SAMPLES	ρ [kg/dm3]
Acetic acid	1.049
Acetone	0.799
Acetonitrile	0.783
Acetonylacetone	0.971
Acetophenone	1.026
Acetyl chloride	1.103
Acetylacetone	0.970
Acrolein	0.841
1-Bromopentane	1.223
Aniline	1.022
Benzaldehyde	1.046
Benzene	0.878
Benzyl alcohole	1.045
Benzyl chloride	1.098
Benzylacetone	0.989
Bromoform	2.890
Butyric acid	0.959
Caproic acid	0.929
Caprylic acid	0.910
Carbon disulfide	1.174
Carvacrol	0.976
Caustic hypochlorite	1.220
Chlorbenzene	1.107
Chlorocyclohexane	1.000
Chloroform	1.489
cis-1,2-Dichloroethylene	1.282
cis-1,2-Dibromoethylene	2.246
Citral	0.893

DENSITY SAMPLES

KRÜSS

Sorted by value

ρ [kg/dm3]	SAMPLES	T [°C]
0.814	3-Heptanone	20
0.816	1-Pentanol	20
0.820	1-Hexanol	20
0.823	1-Heptanol	20
0.826	Dimethylamine solution 60 % (DMA)	20
0.827	1-Octanol	20
0.828	1-Nonanol	20
0.829	1-Decanol	20
0.841	Acrolein	20
0.850	Mesityl oxide	20
0.853	Lemon oil	20
0.856	Crotonaldehyde	20
0.860	Piperidine	20
0.863	Linalool	20
0.863	Mesitylene	20
0.863	p-Xylene	20
0.866	1-Chlorodecane	20
0.868	Ethylbenzene	20
0.868	1,2,4-Trimethylbenzene (Pseudocumene)	20
0.870	Toluene	20
0.871	m-Xylene	20
0.872	1-Chlorohexane	20
0.872	1-Chlorooctane	20
0.878	Benzene	20
0.878	Isopropylbenzene (Cumene)	20
0.884	1-Chlorobutane	20
0.887	Hemellitol	20
0.891	Propyl acetate	20

Alphabetical order

SAMPLES	ρ [kg/dm3]
Crotonaldehyde	0.856
Cyclohexane	0.779
Cyclohexanol	0.962
Cyclohexanone	0.949
Cyclohexene	0.811
Cyclohexylamine	0.896
Cyclopentadiene	0.805
Dichloromethane	1.336
Diethyl ether	0.714
Diethylaniline	0.934
Dimethylacetamide 90 %	0.940
Dimethylamine solution 60 % (DMA)	0.826
Dimethylaniline	0.956
Dimethylformamide (DMF)	0.948
Di-n-propyl ether	0.747
1-Decene	0.743
Enanthic acid	0.922
Ethanol	0.789
Ethyl acetate	0.900
Ethyl iodid	1.940
Ethylbenzene	0.868
Ethylen bromide	2.180
Ethylenglycole	1.115
Formanide	1.139
Formic acid	1.212
Fumaric acid	0.640
Glycerol	1.261
Hemellitol	0.887

DENSITY SAMPLES

KRÜSS

Sorted by value

ρ [kg/dm3]	SAMPLES	T [°C]
0.893	Citral	20
0.896	Cyclohexylamine	20
0.900	Ethyl acetate	20
0.900	Methylamine solution 40 % (MMA)	20
0.910	Caprylic acid	20
0.922	Enanthic acid	20
0.929	Caproic acid	20
0.934	Diethylaniline	20
0.940	Dimethylacetamide 90 %	20
0.942	Vinyl acetate (VyAc)	20
0.948	Dimethylformamide (DMF)	20
0.949	Cyclohexanone	20
0.956	Dimethylaniline	20
0.959	Butyric acid	20
0.962	Cyclohexanol	20
0.967	Tetralin	20
0.970	Acetylacetone	20
0.971	Acetonylacetone	20
0.976	Carvacrol	20
0.984	N-Methylaniline	20
0.989	Benzylacetone	20
0.992	Propionic acid	20
0.994	Paraldehyde	20
0.998	Indene	20
0.998	m-Toluidine	20
0.998	o-Toluidine	20
0.998	Water	20
1.000	Chlorocyclohexane	20

Alphabetical order

SAMPLES	ρ [kg/dm3]
Heptane	0.684
Hexamethylenediamine adipinat	1.201
Hexane	0.654
Indene	0.998
Iodobenzene	1.830
Iron(II) sulfate heptahydrate	1.900
Isobutanol	0.802
Isopropylbenzene (Cumene)	0.878
Kerosene	0.810
Lemon oil	0.853
Linalool	0.863
Lithium chloride	2.068
Mercury	13.595
Mesityl oxide	0.850
Mesitylene	0.863
Methanol	0.792
Methyl diethanolamin (MDEA)	1.040
Methyl ethyl ketone (MEK)	0.805
Methyl iodide	2.279
Methyl isobutyl ketone (MIBK)	0.800
Methylamine solution 40 % (MMA)	0.900
Methylcyclohexane	0.764
m-Toluidine	0.998
m-Xylene	0.871
N-Benzyl-N-ethylaniline	1.029
Nicotine	1.009
Nitro benzene	1.207
Nitro methane	1.139

DENSITY SAMPLES

KRÜSS

Sorted by value

ρ [kg/dm3]	SAMPLES	T [°C]
1.009	Propiophenone (Ethyl phenyl ketone)	20
1.009	Nicotine	20
1.022	Aniline	20
1.026	Acetophenone	20
1.029	N-Benzyl-N-ethylaniline	20
1.038	1,4-Dioxane	20
1.040	Methyl diethanolamin (MDEA)	20
1.045	Benzyl alcohole	20
1.046	Benzaldehyde	20
1.049	Acetic acid	20
1.064	Thiophene	20
1.066	4-Chlorotoluene	20
1.069	Quinaldine	20
1.070	3-Chlorotoluene	20
1.093	Quinoline	20
1.098	Benzyl chloride	20
1.098	Phenylhydrazine	20
1.103	Acetyl chloride	20
1.107	Chlorbenzene	20
1.115	Ethylenglycole	20
1.139	Formanide	20
1.139	Nitro methane	20
1.157	3-Nitrotoluene	20
1.163	2-Nitrotoluene	20
1.166	1-Bromooctane	20
1.174	Carbon disulfide	20
1.201	Hexamethylenediamine adipinat	20
1.207	Nitro benzene	20

Alphabetical order

SAMPLES	ρ [kg/dm3]
3-Nitrotoluene	1.157
2-Nitrotoluene	1.163
N-Methylaniline	0.984
Octane	0.703
1-Bromooctane	1.166
o-Toluidine	0.998
Paraldehyde	0.994
Pentachloroethane	1.672
Pentane	0.621
Phenylhydrazine	1.098
Phthalic anhydride	1.527
Piperidine	0.860
Propionic acid	0.992
Propiophenone (Ethyl phenyl ketone)	1.009
Propyl acetate	0.891
p-Xylene	0.863
Pyruvic acid	1.267
Quinaldine	1.069
Quinoline	1.093
Sodium hydroxide solution (Caustic soda)	1.430
Sulfuric acid 90 %	1.810
tert-Butanol	0.789
Tetrabromomethane	2.963
Tetrachloroethylene	1.614
Tetralin	0.967
Thiophene	1.064
Toluene	0.870
trans-1,2-Dibromoethylene	2.231

DENSITY SAMPLES

KRÜSS

Sorted by value

ρ [kg/dm3]	SAMPLES	T [°C]
1.212	Formic acid	20
1.220	Caustic hypochlorite	20
1.223	1-Bromopentane	20
1.253	1,2-Dichlorethane	20
1.257	trans-1,2-Dichloroethylene	20
1.261	Glycerol	20
1.267	Pyruvic acid	20
1.275	1-Bromobutane	20
1.282	cis-1,2-Dichloroethylene	20
1.296	2-Nitroethanol	20
1.305	1,2-Dichlorobenzene	20
1.336	Dichloromethane	20
1.430	Sodium hydroxide solution (Caustic soda)	20
1.441	1-Iodohexane	20
1.477	1,2,4-Trichlorobenzene	20
1.487	1-Bromonaphthalene	20
1.489	Chloroform	20
1.527	Phthalic anhydride	20
1.614	1-Iodobutane	20
1.614	Tetrachloroethylene	20
1.672	Pentachloroethane	20
1.747	1-Iodopropane	20
1.810	Sulfuric acid 90 %	20
1.830	Iodobenzene	20
1.900	Iron(II) sulfate heptahydrate	20
1.940	Ethyl iodid	20
2.068	Lithium chloride	20
2.180	Ethylen bromide	20

Alphabetical order

SAMPLES	ρ [kg/dm3]
trans-1,2-Dichloroethylene	1.257
Tribromoacetaldehyde (Bromal)	2.550
Vinyl acetate (VyAc)	0.942
Water	0.998
1,1,2,2-Tetrabromoethane	2.970
1,2,4-Trichlorobenzene	1.477
1,2,4-Trimethylbenzene (Pseudocumene)	0.868
1,2-Dichlorethane	1.253
1,2-Dichlorobenzene	1.305
1,4-Dioxane	1.038
1-Bromobutane	1.275
1-Bromonaphthalene	1.487
1-Butanol	0.810
1-Chlorobutane	0.884
1-Chlorodecane	0.866
1-Chlorohexane	0.872
1-Chlorooctane	0.872
1-Decanol	0.829
1-Heptanol	0.823
1-Heptene	0.699
1-Hexanol	0.820
1-Iodobutane	1.614
1-Iodohexane	1.441
1-Iodopropane	1.747
1-Nonanol	0.828
1-Nonene	0.733
1-Octanol	0.827
1-Octene	0.718

DENSITY SAMPLES

KRÜSS

Sorted by value			Alphabetical order	
ρ [kg/dm3]	SAMPLES	T [°C]	SAMPLES	ρ [kg/dm3]
2.231	trans-1,2-Dibromoethylene	20	1-Pentadecene	0.780
2.246	cis-1,2-Dibromoethylene	20	1-Pentanol	0.816
2.279	Methyl iodide	20	1-Propanol	0.804
2.550	Tribromoacetaldehyde (Bromal)	20	1-Undecene	0.752
2.890	Bromoform	20	2-Nitroethanol	1.296
2.970	1,1,2,2-Tetrabromoethane	20	3-Chlorotoluene	1.070
2.963	Tetrabromomethane	20	3-Heptanone	0.814
13.595	Mercury	20	4-Chlorotoluene	1.066

SAMPLES

The table presents an overview of samples that our customers typically measure with our density meters.
The values should not be interpreted as specifications.

Version 2.1 | Status: May 2022| Subject to modifications and errors.