Technical information

Safety characteristics of flammable gas and vapours

Medium	Ignition temperature °C	Temperature class	Explosion group
Acetaldehyde	140	T4	II A
Acetic acid	485	T1	II A
Acetic anhydride	330	T2	II A
Acetone	540	T1	II A
Acetylene	305	T2	II C (3)
Ammonia	630	T1	II A
Amylacetate	380	T2	II A
Benzene	220	T3	II A
Benzol	555	T1	II A
Carbon disulphide	95	T6	II C (1)
Carbon monoxide	605	T1	II A / II B
Cerosin	220 up to 300	T3	II A
Cyclohexene	430	T2	II A
1,2 - Dichloretane	440	T2	II A
Diesel fuel	220 up to 300	T3	II A
Ethane	515	T1	II A
Ethylacetate	460	T1	II A
Ethyalcohol	425	T2	II A / II B
Ethychloride	510	T1	II A
Ethylene	425	T2	II B

Medium	Ignition temperature °C	Temperature class	Explosion group
Ethylenoxid	440	T2	II B
Ethyl ether	170	T4	II B
Ethyl glycol	235	T3	II B
Fuel oil	220 up to 300	T3	II A
Hydrogen aeroxid	560	T1	II C (2)
Hydrogen disulphide	270	T3	II B
Methane	595 (650)	T1	II A
Methanol	455	T1	II A
Methyl chloride	625	T1	II A
n - Butane	365	T2	II A
n - Buthylalcohol	340	T2	II A
n - Hexane	240	T3	II A
n - Propylalcohol	405	T2	*)
Naphtalene	540	T1	II A
Oleic acid	360	T2	*)
Phenol	595	T1	II A
Propane	470	T1	II A
Tetraline	425	T2	*)
Toluole	535	T1	II A

Source: Appendix B, VDE 0165/9.83

*) The explosion group for this medium has not yet been defined

(1) Also Explosion group II B + CS_2

(2) Also Explosion group II B + H_2

(3) Also Explosion group II B + C_2H_2