

Solvents and chromatography

102222 Carbon tetrachloride GR for analysis

Formula Hill	CCl ₄		
Chemical formula			
Molar mass	153.82 g/mol		
Density	1.59 g/cm ³ (20 °C)		
pH value			
Form	liquid		
Color	colourless		
Odeur	characteristic		
Melting point	-23 °C		
Boiling point	76.7 °C		
Vapor pressure	121 hPa (20 °C)		
Explosion limits		Solubility in water	0.8 g/l (20 °C)
Flash point		Solubility in ethanol	(20 °C) soluble
Thermal decomposition	> 600 °C	Solubility in chloroform	(20 °C) soluble
Heat of evaporation		Water absorbtion	
Evaporation number	4	Saturation conc. (air)	754 g/m ³ (20 °C)
Ignition temperature	> 982 °C	Dielectric constant	2.2 (20 °C)
Bulk density		Dipole moment	
Refractive index		Viscosity dynamical	0.96 mPa*s (20 °C)
		Viscosity kinematical	0.00061 mm ² /s (20 °C)

