

Inorganics, solutions and auxiliaries

159674 Calcium carbonate Reag. Ph Eur

Formula Hill	CCaO ₃		
Chemical formula	CaCO ₃		
Molar mass	100.09 g/mol		
Density	2.71 g/cm ³ (20 °C)		
pH value	9.5 - 10.5 (100 g/l 20 °C) (slurry)		
Form	solid		
Color	white		
Odeur	odourless		
Melting point	825 °C		
Boiling point	(decomposition)		
Vapor pressure	Solubility in water	14 mg/l (20 °C)	
Explosion limits	Solubility in ethanol	insoluble	
Flash point	Solubility in chloroform		
Thermal decomposition	Water absorption	> 825 °C	
Heat of evaporation	Saturation conc. (air)		
Evaporation number	Dielectric constant		
Ignition temperature	Dipole moment		
Bulk density	Viscosity dynamical	~ 400 - 700 kg/m ³	
Refractive index	Viscosity kinematical		