

Pharmaceutical salts

102160 Calcium sulfate dihydrate precipitated, extra pure Ph Eur, BP, E 516

Formula Hill	$\text{CaO}_4\text{S} \cdot 2\text{H}_2\text{O}$		
Chemical formula	$\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$		
Molar mass	172.17 g/mol		
Density	2.32 g/cm ³ (20 °C)		
pH value	7.0 (50 g/l 20 °C) (slurry)		
Form	solid		
Color	white		
Odeur	odourless		
Melting point			
Boiling point			
Vapor pressure	Solubility in water	~ 2 g/l (20 °C)	
Explosion limits	Solubility in ethanol		
Flash point	Solubility in chloroform		
Thermal decomposition	Water absorption		
Heat of evaporation	Saturation conc. (air)		
Evaporation number	Dielectric constant		
Ignition temperature	Dipole moment		
Bulk density	~ 400 - 600 kg/m ³	Viscosity dynamical	
Refractive index	Viscosity kinematical		