

Inorganics, solutions and auxiliaries

101036 Chromium(III) potassium sulfate dodecahydrate GR for analysis ACS

Formula Hill	$\text{CrK}_2\text{O}_8\text{S}_2 \cdot 12 \text{H}_2\text{O}$		
Chemical formula	$\text{KCr}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$		
Molar mass	499.41 g/mol		
Density	1.83 g/cm ³ (20 °C)		
pH value	~ 3 (50 g/l 20 °C)		
Form	solid		
Color	dark violet		
Odeur	odourless		
Melting point	89 °C		
Boiling point			
Vapor pressure	Solubility in water	~ 250 g/l (25 °C)	
Explosion limits	Solubility in ethanol	(20 °C) almost insoluble	
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	Viscosity dynamical	~ 800 - 1000 kg/m ³	
Refractive index	Viscosity kinematical		