

## Proteomics

## 115444 Coomassie® Brilliant blue G 250 (C.I. 42655) for electrophoresis

Formula Hill  $C_{47}H_{48}N_3NaO_7S_2$ 

Chemical formula

Molar mass 854.04 g/mol

Density

pH value ~ 6.4 (10 g/l 20 °C)

Form powder

Color dark brown

Odeur weak characteristic odour

Melting point

Boiling point

Vapor pressure

Explosion limits

Flash point

Thermal decomposition

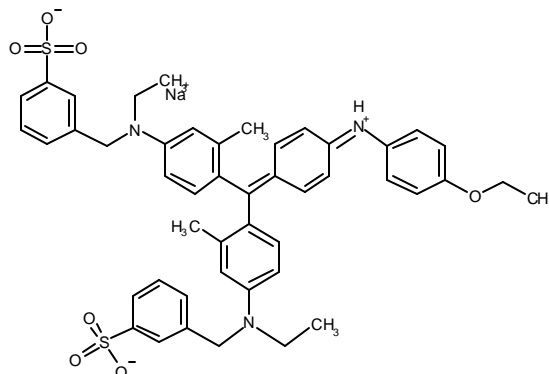
Heat of evaporation

Evaporation number

Ignition temperature

Bulk density ~ 520 kg/m<sup>3</sup>

Refractive index



Solubility in water 40 g/l (20 °C)

Solubility in ethanol (20 °C) soluble

Solubility in chloroform

Water absorption

Saturation conc. (air)

Dielectric constant

Dipole moment

Viscosity dynamical

Viscosity kinematical