

Inorganics, solutions and auxiliaries

159643 Congo red (C.I. 22120) Reag. Ph Eur

Formula Hill $C_{32}H_{22}N_6Na_2O_6S_2$

Chemical formula

Molar mass 696.68 g/mol

Density

pH value ~ 6.7 (10 g/l 20 °C)

Form solid

Color reddish-brown

Odeur characteristic

Melting point

Boiling point

Vapor pressure

Explosion limits

Flash point

Thermal decomposition

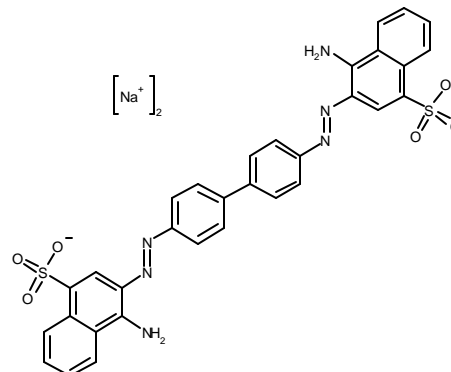
Heat of evaporation

Evaporation number

Ignition temperature

Bulk density ~ 600 - 700 kg/m³

Refractive index



Solubility in water 25 g/l (20 °C)

Solubility in ethanol (20 °C) slightly soluble

Solubility in chloroform

Water absorption

Saturation conc. (air)

Dielectric constant

Dipole moment

Viscosity dynamical

Viscosity kinematical