

A process for producing sodium-calcium-silicate glass is carried out by preparing the charge of raw materials and dye-stuff additive from iron and chrome oxides and subsequent boiling thereof. The charge additionally contains a carbon-containing reducing agent at a quantity of 0.3 – 0.6 kg per 100 kg of the charge at the following content of components of dye-stuff additive per 100 kg of the charge on the basis of Fe_2O_3 and Cr_2O_3 :

Fe_2O_3 0.2 – 0.6 kg

Cr_2O_3 0.15 – 0.45 kg

and the following ratio of Fe_2O_3 : Cr_2O_3 equal to (1.3-1.6):1.