

**99-0074**

The invention refers to the glass industry and may be used for the production of bottles for different beverages bottling, as well as other containers for food products.

Summary of the invention consists in, that the glass contains  $\text{SiO}_2$ ,  $\text{Al}_2\text{O}_3$ ,  $\text{Fe}_2\text{O}_3$ ,  $\text{Na}_2\text{O}$ ,  $\text{K}_2\text{O}$ ,  $\text{CaO}$ ,  $\text{MgO}$ ,  $\text{TiO}_2$ ,  $\text{SO}_3$ ,  $\text{MnO}$ ,  $\text{BaO}$ ,  $\text{Cr}_2\text{O}_3$  and  $\text{P}_2\text{O}_5$ , at the following oxide ratio, % mas.:

$\text{SiO}_2$	65,0...73,1
$\text{Al}_2\text{O}_3$	1,1... 5,5
$\text{Fe}_2\text{O}_3$	0,2... 2,5
$\text{Na}_2\text{O}$	10,0...14,0
$\text{K}_2\text{O}$	0,03...0,35
$\text{CaO}$	8,0 ...13,0
$\text{MgO}$	0,06...1,20
$\text{TiO}_2$	0,04...1,40
$\text{Cr}_2\text{O}_3$	0,10...0,50
$\text{SO}_3$	0,07...0,50
$\text{BaO}$	0,01...0,10
$\text{MnO}$	0,01...1,25
$\text{P}_2\text{O}_5$	0,01...0,10.

The charge for glass preparation in addition to usual ingredients contains basalt in the amount of 1...5% from the total charge mass.

The technical result consists in increasing the glass physic-chemical and physic-mechanical characteristics, improvement of chromatic hue and colour purity, reduction of power and material consumption and broadening the raw material basis for glass preparation.