

This stuffed refractory mass is used for lining a furnace main chute and contains, by mass, 32.8-72.3 % of coke, 6.6-8.8 % of coal pitch, 18.4-32.2 % of fire-clay, and waste material of a furnace main chute as the reminder. This waste material contain, by mass, 22.55-24.42  $\text{SiO}_2$ , 5.88 - 7.77 %  $\text{Al}_2\text{O}_3$ , 0.15 - 1.50 %  $\text{CaO}$ , 0.50 - 0.89 %  $\text{MgO}$ , 2.49 - 3.82 %  $\text{Fe}_2\text{O}_3$ , 0.92 - 1.00 % S, 60.68 - 67.43 % C.