

The method for production of semi-finished products of aluminium alloys includes preparation of aluminium melt, its overheating to 150-200 °C, dispersion of the melt, degassing of obtained dispersed crystallized alloy with its subsequent hot deformation. The melt is dispersed by flows of aqueous solution of inhibitors selected from the group of weak electrolytes with production of dispersed crystallized alloy in the form of powder, in this case the pH index is adjusted within the limits from 3.5 to 5.0, and the temperature of the formed pulp - within the limits from 15 to 25 °C.