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The invention relates to the materials for welding electrodes, which may be used for building-up of the parts working in corrosive-abrasive wear conditions directly at the exploitation place thereof.

The electrode material contains iron, carbon chrome, nickel, molybdenum, titanium, aluminium, vanadium, nitrogen, cerium and calcium. Novelty consists in that the electrode material additionally contains niobium having the following component ratio, in mass %:

chrome	6,0...9,0
carbon	0,07...1,2
nickel	3,5...6,2
nitrogen	0,2...0,13
molybdenum	0,6...3,3
titanium	0,06...0,43
aluminum	0,5...1,0
vanadium	0,5...1,0
calcium	0,001...0,1
cerium	0,002...0,3
niobium	0,06...0,45
iron	the rest.

The result consists in increasing the wear resistance of the build-up material.

Claims: 1