

The invention relates to an alloy having high temperature mechanical strength in an oxidising medium and comprising a carbide-precipitation-strengthened matrix containing chromium. The invention, is characterised in that the alloy comprises carbides of at least one metal (M) selected from among titanium, zirconium and hafnium, said carbides also optionally containing (M ) tantalum. The invention is suitable for articles that require high temperature mechanical strength, such as for hot glass processing or production.