

# CEWELD Powder 8812-Co

**TYPE** Agglomerated and sintered Cobalt based tungsten powder alloy

**APPLICATIONS** Ceweld SP 8812-Co is applied with the HVOF and the Plasma spray process whenever wear-resistant coatings are required, e.g. on Valves, Pumps and Turbine parts.

**PROPERTIES** Ceweld SP 8812-Co is a agglomerated and sintered powder developed for thermal spraying, witch contains a uniform distribution of Tungsten Carbide and Cobalt. The particle shape is mainly spherical. The finer grades produces very tough and dense coatings which can often be used in the "as sprayed" condition without finishing.

**CLASSIFICATION** EN ISO 14232-1 WC-Co 88/12

**SUITABLE FOR** Ceweld SP 8812-Co powder is usualy applied with the HVOF and the Plasma spray process whenever wear-resistant coatings are required, e.g. on Valves, Pumps and Turbine parts.

**APPROVALS**

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

C	Fe	Co	WC
5.5	1	12.5	Rem.

**MECHANICAL PROPERTIES**

**REDRYING** Not required

**GAS ACC. EN ISO 14175**