


CEWELD Powder 8812-Co

TYPE	Aglomerated 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	No Approvals Found								
WELDING POSITIONS									
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 25%;">C</td> <td style="width: 25%;">Fe</td> <td style="width: 25%;">Co</td> <td style="width: 25%;">WC</td> </tr> <tr> <td>5.5</td> <td>1</td> <td>12.5</td> <td>Rem.</td> </tr> </table>	C	Fe	Co	WC	5.5	1	12.5	Rem.
C	Fe	Co	WC						
5.5	1	12.5	Rem.						
REDRYING TEMPERATURE	Not required								
GAS ACCORDING EN 14175									