




# 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 usually 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				