

CEWELD Powder PTA DUR 1

TYPE	PTA Powder for Stellite 1						
TOEPASSINGEN	CEWELD® Powder PTA DUR 1 contains a high proportion of hard, wear-resistant primary carbides. As a result, the alloy is well suited for applications involving extreme flat-angle erosion and severe abrasion, although this comes at the cost of some loss of toughness. Applications Valve seats, gaskets, sliders, Pump sleeves, bushings, bearings, Saw blades, screw blades, cutting tools Crushers, mixer rotors, Extrusion screws, extrusion screw, dies, Wear liners, seam rollers						
EIGENSCHAPPEN	CEWELD® Powder PTA DUR 1 is a hardfacing PTA Powder with excellent abrasion and corrosion resistance for applications such as pump liners, rotating seal rings, wear plates, screw conveyors, and bearing sleeves. It retains its hardness at temperatures above 760 °C (1400 °F). Hardness: 50-58 HRc Standard particle size: 150/53 µm <i>also possible: 106/20 µm, 106/38 µm, 106/45 µm, 125/38 µm, 125/45 µm, 150/45 µm, 150/53 µm, 150/63 µm, 180/53 µm, 180/63 µm, 210/63 µm, 250/45 µm, 63/20 µm, 75/20 µm</i>						
CLASSIFICATIE	EN ISO	14232-1 Co-Cr-W 50/30/12					
GESCHIKT VOOR	Valve seats, gaskets, sliders, Pump sleeves, bushings, bearings, Saw blades, screw blades, cutting tools Crushers, mixer rotors, Extrusion screws, extrusion screw, dies, Wear liners, seam rollers • Ventilsiitze, Dichtungen, Schieber • Pumpenhülsen, Buchsen, Lager • Sägeblätter, Schraubenblätter, Schneidwerkzeuge • Brecher, Mischerrotoren • Extrusionsschnecken, Extrusionsschnecke, Düsen • Verschleißpolster, Nahtrollen						
GOEDKEURINGEN							
LASPOSITIES							
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C	Cr	Ni	Co	W	Fe	Mo
	2.2	30	2	Rem.	12	2.5	0.5
MECHANISCHE WAARDEN							
HERDROGEN	Not required						
GAS ACC. EN ISO 14175							