

CEWELD Powder PTA DUR 1

TYPE	PTA Powder for Stellite 1						
ANWENDUNGEN	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						
EIGENSCHAFTEN	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>						
KLASSIFIKATION	EN ISO	14232-1 Co-Cr-W 50/30/12					
GEEIGNET FÜR	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 • Ventilsitze, Dichtungen, Schieber • Pumpenhülsen, Buchsen, Lager • Sägeblätter, Schraubenblätter, Schneidwerkzeuge • Brecher, Mischerrotoren • Extrusionsschnecken, Extrusionsschnecke, Düsen • Verschleißpolster, Nahtrollen						
ZULASSUNGEN							
SCHWEISSPOSITIONEN							
TYPISCHE CHEMISCHE ANALYSE DES SCHWEISSMETALLS (%)	C	Cr	Ni	Co	W	Fe	Mo
	2.2	30	2	Rem.	12	2.5	0.5
MECHANISCHE GÜTEWERTE							
RÜCKTROCKNUNG	Not required						
GAS ACC. EN ISO 14175							