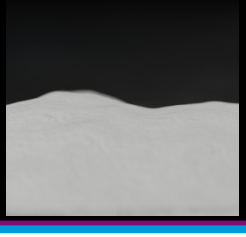

CEWELD DUR 6 MoW

certilas® THE FILLER METAL SPECIALIST

TYPE	Gas atomized spherical Cobalt-Chromium-Molybdenum-Tungsten powder for 3D printing dental frames and body parts in medical applications
TOEPASSINGEN	Overlay welding on wear parts that need to outlast new parts where high temperatures combined with corrosion and wear resistance is required. 3D printing of parts for medical applications according class IIa medical device in accordance with annex IX rule 8 of the MDD 93/42/EEC. Composition corresponds to “type 4” CoCr dental material according to EN ISO 22674.
EIGENSCHAPPEN	Dur 6 Mo is free of Ni, Be. and Cadmium according EN ISO 22674. The alloy offers extreme low friction properties combined with extreme corrosion resistance and excellent wear properties against scalling, abrasion and extreme pressure loads.
CLASSIFICATIE	EN ISO 22674: Type 4
GESCHIKT VOOR	Overlay welding on wear parts. 3D printing of parts for medical applications according class IIa medical device in accordance with annex IX rule 8 of the MDD 93/42/EEC. Composition corresponds to “type 4” CoCr dental material according to EN ISO 22674.
GOEDKEURINGEN	
LASPOSITIES	

TYPICAL CHEMICAL COMPOSITION IN WEIGHT (%)

Cr	Mo	W	Co	Si	Ni	Mn	Fe	C
25	5	4	64	1	0.09	0.07	0.35	0.11

MECHANISCHE WAARDEN

HERDROGEN	Not required
GAS ACC. EN ISO 14175	None