

# CEWELD Powder HVOF DUR 1 (45/15)

TYPE	HVOF Powder for Stellite 1														
APPLICATIONS	Hardfacing, Wear-Resistance, Corrosion-Resistance														
PROPERTIES	Powder HVOF DUR 1 is a hardfacing alloy possessing excellent abrasion and corrosion resistance for applications such as pump sleeves, rotary seal rings, wear pads, expeller screws and bearing sleeves. It retains its hardness at temperatures in excess of 760°														
CLASSIFICATION	EN ISO 14232-1 Co-Cr-W 50/30/12														
SUITABLE FOR	Pump applications to protect sleeves seal rings, impellers and bearing sleeves														
APPROVALS	No Approvals Found														
WELDING POSITIONS															
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	<table><thead><tr><th>Co</th><th>C</th><th>Cr</th><th>W</th><th>Si</th><th>Fe</th><th>Ni</th></tr></thead><tbody><tr><td>Rem.</td><td>2.2</td><td>30</td><td>12</td><td>1.2</td><td>2.5</td><td>2</td></tr></tbody></table>	Co	C	Cr	W	Si	Fe	Ni	Rem.	2.2	30	12	1.2	2.5	2
Co	C	Cr	W	Si	Fe	Ni									
Rem.	2.2	30	12	1.2	2.5	2									
REDRYING TEMPERATURE	Not required														
GAS ACCORDING EN 14175															