



CEWELD Powder DUR 6 Mo (Alloy F75)



TYPE	Gas atomized spherical Cobalt-Chromium-Molybdenum alloy.										
APPLICATIONS	PTA and or laser 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 as prostatic implants such as replacement hips and knee condyles.										
PROPERTIES	CoCrMo alloys are non magnetic and offers extreem resistance against fatigue. The alloy offers excelent polishing characteristics and ensures long tool life.										
CLASSIFICATION	EN ISO	14232-1 Co-Cr-Mo 63/28/6									
SUITABLE FOR	Replacement hips, knee parts, condyles, Gas turbine parts, fuel nozzles, orthopedic implants.										
APPROVALS											
WELDING POSITIONS											
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	<table><tr><td>Co</td><td>Cr</td><td>Mo</td><td>Other</td></tr><tr><td>Rem.</td><td>27</td><td>6</td><td>2.6</td></tr></table>	Co	Cr	Mo	Other	Rem.	27	6	2.6		
Co	Cr	Mo	Other								
Rem.	27	6	2.6								
MECHANICAL PROPERTIES											
REDRYING	Not required										
GAS ACC. EN ISO 14175											