

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. | | | | | | | | |
| PROPRIÉTÉS | CoCrMo alloys are non magnetic and offers extreme resistance against fatigue. The alloy offers excellent polishing characteristics and ensures long tool life. | | | | | | | | |
| CLASSIFICATION | EN ISO 14232-1 Co-Cr-Mo 63/28/6 | | | | | | | | |
| CONVIENT POUR | Replacement hips, knee parts, condyles, Gas turbine parts, fuel nozzles, orthopedic implants. | | | | | | | | |
| AGRÉMENTS | | | | | | | | | |
| POSITIONS DE SOUDAGE | | | | | | | | | |
| TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%) | <table><thead><tr><th>Co</th><th>Cr</th><th>Mo</th><th>Other</th></tr></thead><tbody><tr><td>Rem.</td><td>27</td><td>6</td><td>2.6</td></tr></tbody></table> | Co | Cr | Mo | Other | Rem. | 27 | 6 | 2.6 |
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| Rem. | 27 | 6 | 2.6 | | | | | | |
| PROPRIÉTÉS MÉCANIQUES | | | | | | | | | |
| ETUVAGE | Not required | | | | | | | | |
| GAS ACC. EN ISO 14175 | | | | | | | | | |