# CEWELD OA 58-66B

certilas® THE FILLER METAL SPECIALIST

| | |
|---|---|
| TYPE | High alloyed seamless flux cored wire for hardfacing against extreme abrasion. |
| APPLICATIONS | Rebuilding wornout parts or protecting new machine parts to increase life that suffer from extreme abrasive wear |
| PROPERTIES | High C-, Cr-, B-alloyed flux-cored wire electrode which forms extremely hard carbides for extremely hard deposits on parts subject to excessively heavy abrasive wear weldable with and without protective gas. Verry good wear resistance due to excellent first layer hardness properties. More than 1 or 2 layers should not be deposited. A Buffer layer with CEWELD® OA 4370 or CEWELD® OA MnCr is recommended in case of old layers or critical base metals. Weldable with M21 or without shielding gas. |
| CLASSIFICATION | EN ISO 14700: T ZFe14 |
| SUITABLE FOR | 58-66 HRc Hardfacing alloy used in mining, agriculture and steel mills, conveyor chains, agriculture, construction, mixer blades, paddles, cement pumps with excelent abrasion and wear resistance against sand and minerals |
| APPROVALS | |
| WELDING POSITIONS | |

TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

| C | Si | Mn | Cr | B |
|---|---|---|---|---|
| 2.6 | 0.6 | 0.9 | 17 | 0.9 |

MECHANICAL PROPERTIES

| Heat Treatment | $R_{P0,2}$ (MPa) | Rm (MPa) | A5 (%) | Hardness |
|---|---|---|---|---|
| As Welded | | | | 62 HRc |

| | |
|---|---|
| REDRYING | 140°C / 24 hr |
| GAS ACC. EN ISO 14175 | |