



CEWELD MA 300

| | | | | | | | | | | | | | | | | | |
|---|---|-----|-----|-----|------|-----|-------|-----|---------------|--------|--------------|-----|--------------------|-------|---------|------|----|
| TYPE | 300 HB GMAW welding wire for rebuilding and bufferlayers | | | | | | | | | | | | | | | | |
| APPLICATIONS | Rebuilding machine parts before Hardfacing and cladding crane and or train wheels to achieve a wear resistant layer against high pressure caused by metal to metal friction | | | | | | | | | | | | | | | | |
| PROPERTIES | CEWELD MA 300 offers almost full hardness in the first layer and can be applied without any risk of cracking. Multiple layers or sandwich layers are possible before Hardfacing and will help to increase the hardness (wear resistance) from the hardface layer. | | | | | | | | | | | | | | | | |
| CLASSIFICATION | <table><tr><td>AWS</td><td>A 5.21: ERF-1</td></tr><tr><td>EN ISO</td><td>14700: S Fe1</td></tr><tr><td>DIN</td><td>8555: MSG-5-GZ-300</td></tr><tr><td>W.Nr.</td><td>~1.7339</td></tr><tr><td>F-nr</td><td>71</td></tr></table> | | | | | | | AWS | A 5.21: ERF-1 | EN ISO | 14700: S Fe1 | DIN | 8555: MSG-5-GZ-300 | W.Nr. | ~1.7339 | F-nr | 71 |
| AWS | A 5.21: ERF-1 | | | | | | | | | | | | | | | | |
| EN ISO | 14700: S Fe1 | | | | | | | | | | | | | | | | |
| DIN | 8555: MSG-5-GZ-300 | | | | | | | | | | | | | | | | |
| W.Nr. | ~1.7339 | | | | | | | | | | | | | | | | |
| F-nr | 71 | | | | | | | | | | | | | | | | |
| SUITABLE FOR | 300 HB hardfacing alloy, sprocket wheels, rebuilding, crushing hammers, Rebuilding machine parts before hardfacing and cladding crane and or train wheels to achieve a wear resistant layer against high pressure caused by metal to metal friction. | | | | | | | | | | | | | | | | |
| APPROVALS | CE | | | | | | | | | | | | | | | | |
| WELDING POSITIONS | | | | | | | | | | | | | | | | | |
| TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%) | C | Si | Mn | Cr | Ni | Mo | Ti | | | | | | | | | | |
| | 0.1 | 0.6 | 1.1 | 1.3 | 0.05 | 0.5 | 0.003 | | | | | | | | | | |
| MECHANICAL PROPERTIES | | | | | | | | | | | | | | | | | |
| REDRYING | Not required | | | | | | | | | | | | | | | | |
| GAS ACC. EN ISO 14175 | M21 | | | | | | | | | | | | | | | | |