










CEWELD 430 LNb

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|---|--|-----------------------|--------------------|--------|---------------------|-----|-----|
| TYPE | Stainless steel welding wire for ferritic steels in the AISI 430 range. | | | | | | |
| APPLICATIONS | 430 LNb is developed and designed for the Automotive industry and used for production of exhaust systems and catalytic converters.. The wire should be used when there is a need for good resistance to corrosion and thermal fatigue. | | | | | | |
| PROPERTIES | Good corrosion and temperature resistance and excellent weldability. Due to the risk of grain growth in the melted zone, welding wire with a diameter larger then 1,2 mm is to be avoided | | | | | | |
| CLASSIFICATION | AWS | A 5.9: ~ER 430 | | | | | |
| | EN ISO | 14343-A: G 18 L Nb | | | | | |
| | F-nr | 6 | | | | | |
| | FM | 5 | | | | | |
| | W.Nr. | 1.4511 | | | | | |
| SUITABLE FOR | 1.4000, 1.4002, 1.4016, 1.4057, 1.4740, 1.4742, 1.4057, 1.4059, 1.4741, 1.4509, 1.4510, 1.4511, 1.4512, 1.4520, 1.4712, 1.4713, 1.4724, X7Cr14, X12Cr13, X17CrNi16-2, X6Cr13, X6CrAl13, X6Cr17, X17CrNi16-2, X2CrTiNb18, X3CrTi17, X3CrNb17, X2CrTi12, X2CrTi17, X10CrSi6, X10CrAlSi7, X10CrAlSi13, X10CrAlSi18 UNS S40300, S40500, S40900, S41000, S42900, S43000, S43035, S43036, S43100, S44200 AISI 403, 405, 409, 410, 429, 430, 430Cb, 430Ti, 439, 431, 442 | | | | | | |
| APPROVALS | CE | | | | | | |
| WELDING POSITIONS | <div>PAPBPCPDPEPFPG</div> | | | | | | |
| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | C | Si | Mn | Cr | Ni | Mo | Nb |
| | 0.01 | 0.5 | 0.7 | 18 | 0.15 | 0.2 | 0.3 |
| ALL WELD MECHANICAL PROPERTIES | Heat Treatment | R _{P0,2} MPa | R _m MPa | A5 (%) | Hardness Rockwell C | | |
| | As Welded / | 300 | 500 | 15 | Avg. 140 | | |
| REDRYING TEMPERATURE | Not required | | | | | | |
| GAS ACCORDING EN 14175 | M12 | | | | | | |



CEWELD 430 LNb

430 LNB 0,8MM

| Type | KG/unit | EANCode |
|--------|---------|---------------|
| BS-300 | 15 | 8720663412102 |

430 LNB 1,0MM

| Type | KG/unit | EANCode |
|--------|---------|---------------|
| BS-300 | 15 | 8720663412133 |