



Micromedia System

CRAIOVA – DOLJ – ROMÂNIA

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Certificate of Quality for Welding Electrode

Name of Commodity: S.S. Welding electrode E316L-16

| | | | | | | | | | | | |
|---|---------------------------------|-------------------------|--|-------|-------|----------------------|------|-----|-----------------------------|-----|----|
| Size | | Batch No. | | | | Application Standard | | | | | |
| Ø 2.5mm / 3.2mm | | 08-2018-020 | | | | GB/T983-2012 | | | | | |
| Mechanical Properties of Deposited Metal | | | | | | | | | | | |
| Test item | Tensile Test of Deposited Metal | | | | | V-Notch Impact Test | | | | | |
| | Tensile strength Rm(Mpa) | Yield point ReL(Mpa) | Elongation δ 5 (%) | | | Impact Temp (°C) | | | Impact Value Average (J) | | |
| Actual result | 605 | - | 41 | | | - | | | - | | |
| Chemical Composition of Deposited Metal (%) | | | | | | | | | | | |
| Elements | C | Mn | Si | S | P | Cr | Ni | Mo | V | Cu | Nb |
| Actual result | 0.023 | 0.78 | 0.63 | 0.004 | 0.025 | 19.5 | 11.3 | 2.3 | - | 0.3 | - |
| Fillet of T-joint | X-Ray Inspection | | Diffusible Hydrogen (ml/100g) (Ref. only) | | | Appearance | | | | | |
| Pass | I | | - | | | Pass | | | | | |
| <p>Note: This is to certify that electrodes conform with the above standard.</p> <p>According to the manufacturer's quality certificate</p> | | | | | | | | | | | |