

| Sl. No. | Parameters | Description as per Specification | | | |
|---------|----------------------------------|---|---|--|---|
| 1 | Specification | DIN 2448 StE460 / EN 10216 P460 | | | |
| 2 | Size | OD 36.4 X WT 6.2 MM | | | |
| 3 | Application | DIN 2448 StE460- Standard Specification of Seamless Pipe & Tubes | | | |
| | | EN 10216 P460- Standard Specification of Seamless Pipe for Specified Elevated Temperature Property. | | | |
| 4 | Process of Manufacture | Cold drawn seamless | | | |
| 5 | Specification Grade | DIN 2448 StE460 | EN 10216 P460 | Lalbaba Offer | |
| 6 | Mechanical Test | Yst in Mpa | 460 min | 460 min | 500-550 |
| | | UTS in Mpa | 560-730 | 560-730 | 600-650 |
| | | E% | 19 min | 19 min | 25 min |
| | | Hardness | As Observed | As Observed | 79-82 HRB |
| | | Bend test | Applicable | Applicable | OK |
| | | Flattening | Applicable | Applicable | OK |
| | | Flarring | Applicable | Applicable | OK |
| | Impact | As per customer requirement | -20 deg c = 40 J | OK | |
| 7 | Chemical Composition | %C | 0.20 max | 0.20 max | 0.18-0.20 |
| | | %Mn | 1.00-1.70 | 1.00-1.70 | 1.40-1.50 |
| | | %Si | 0.10-0.60 | 0.60 max | 0.25-0.35 |
| | | %p | 0.025 max | 0.025 max | 0.020 max |
| | | %S | 0.020 max | 0.020 max | 0.010 max |
| | | %Cr | 0.30 max | 0.30 max | 0.20 max |
| | | %Cu | 0.20 max | 0.70 max | 0.20 max |
| | | %Mo | 0.10 max | 0.10 max | 0.05 max |
| | | %Ni | 1.00max | 0.80 max | 0.15 max |
| | | %V | - | - | 0.12-0.16 |
| | Others | Nb+Ti+V: 0.22 max | Nb+Ti+V: 0.22 max | Nb+Ti+V: 0.22 max | |
| 8 | NDT | ECT | Applicable as per specification EN 10246-3. | Applicable as per specification EN 10246-3. | Applicable as per specification EN 10246-3. |
| | | UT | Applicable as per specification EN 10246-7. | Applicable as per specification EN 10246-7. | Applicable as per specification EN 10246-7. |
| 9 | Hydrostatic Test | 70 bar pressure minimum 5Sec holding time | | 70 bar pressure minimum 5Sec holding time | |
| 10 | Dimension Tolerance (mm) | OD | OD ±1% or ± 0.5 mm whichever is the greater | OD ±1% or ± 0.5 mm whichever is the greater | OK |
| | | WT / ID | WT ± 12.5% or ± 0.4 mm whichever is the greater | WT ± 12.5% or ± 0.4 mm, whichever is the greater | OK |
| 11 | Heat Treatments Condition | As Drawn / Annealing / Normalizing / SR / Q&T | As Drawn / Annealing / Normalizing / SR / Q&T | Normalized | |
| 12 | Surface Condition | - | | Bright | |
| 13 | End Condition | Plain end | Plain end | Plain end | |
| 14 | Straightness | Reasonably staright | Reasonably staright | 0.8 : 1000 MM | |
| 15 | Ovality | - | - | 0.3 mm Max | |
| 16 | Eccentricity | - | - | 5% Max | |
| 17 | Stencil Marking | LALBABA/LOGO/DIN 2448 StE460 / EN 10216 P460/OD 36.40 X WT 6.20 MM / MADE IN INDIA | | | |
| 18 | Coating | Rust preventive coating | | Rust Preventive Oil | |

Reach Us At

Sales Office 1 - Delhi, India

✉ Sales@lalbabagroup.com

Sales Office 2 - Pune, Maharashtra

✉ export@lalbabagroup.com

