

검사증명서

MILL TEST CERTIFICATE

EN 10204 TYPE 3.1 ~ 2004



| No | TYPE OF PIPE END | SIZE OUT-DIA X THICK X LENGTH (외경 * 두께 * 길이) | POS (번) | WEIGHT (KG) | TOTAL LENGTH (M) | HEAT No | Hydrostatic Test | | Tensile Properties (Gage Length: 2 inch) | | | | | Hardness Test | | CMI Impact Test | | | DWT Test (°C) | | |
|----|------------------|--|---------|-------------|------------------|---------|------------------|-----|--|----------|----------|--------------------|------|---------------|------|-----------------|--------------|----|---------------|----|---|
| | | | | | | | PSI | SEC | T | Base MPa | Weld MPa | Yield Strength MPa | % EL | Y/R | Rate | % EL | #1 Max Value | #2 | | #3 | 1 |
| 1 | EB SE | 12" X 0.406" X 6150 M | 51 | 24,998 | 313.65 | SJ40326 | 1340 | 5 | 444 | 500 | 309 | | 44 | | | | | | | | |
| | | TOTAL | 51 | 24,998 | 313.65 | | | | | | | | | | | | | | | | |

| No | Heat No | Chemical Composition (%) | | | | | | | | | | | Zn-Coating Test | | | | HC-Test | | | HIC Test | | | Sulfur Test | Remarks | | | | | | | | | |
|----|---------|--------------------------|----|----|-----|----|----|----|----|-----|----|------|-----------------|------|--------|----------|---------|-----|-----|----------|--|--|-------------|---------|--|--|--|--|--|--|--|--|--|
| | | C | S | Mn | P | S | Cu | Ni | Cr | Mo | V | Ca | Coating | Time | Result | Pressure | psi | CLR | CTR | CSR | | | | | | | | | | | | | |
| 1 | SJ40326 | Min | 30 | | 120 | 50 | 45 | 40 | 40 | 150 | 80 | 1000 | | | | | | | | | | | | | | | | | | | | | |
| | | Max | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | | | | | | | | | | | | | | | | | | | | | |

#1) Type of pipe end(관종)
BSEBW Back BE Bevel End
#2) L: Longitudinal, T: Transverse
#3) B: Bevel, W: Weld Line, H: Heat Affected Zone
#4) H: Hardness Analysis, P: Product Analysis
#7) For each reduction of 0.01% below the specified C max an increase of 0.05% W above the specified max will be permitted up to a max of 1.65%
#10) CVG=QU+H+O+M+V
* SPEC YEAR - ASTM A53(2018ED)

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