

NOKSEL

MILL TEST CERTIFICATE
EN 10204 3.1

Date : 22.06.2011

ÇELİK BORU SANAYİ A.Ş.

No : E 11 - 8521

HENDEK

Customer : THYSSENKRUPP FERROGLOBUS ZRT.
Order No : ST 34338

Size : 3 42,4 x 3,20 mm

Pieces : 1.365 pcs.
Total Length : 8.190 m.



Description of Goods & Services :
Longitudinally welded water and gas pipes according to
EN 10255 in grade S195 or equivalent suitable for galvanizing

LEAK TEST

50 Bar / OK

VISUAL AND DIMENSIONAL INSPECTION

% 100 satisfactory

| HEAT NO | TENSILE TESTING | | | CHEMICAL COMPOSITION (%) | | | | | |
|----------|----------------------------|----------------------------|----------|--------------------------|-------|-------|-------|-------|--|
| | Rt (N/mm ²) | Rm (N/mm ²) | A (%) | C | P | S | Mn | Si | |
| 521272 | 269 | 415 | 30,00 | 0,081 | 0,016 | 0,015 | 0,377 | 0,019 | |
| 611267 | 262 | 418 | 28,00 | 0,078 | 0,019 | 0,016 | 0,362 | 0,014 | |
| 1221290 | 257 | 421 | 32,00 | 0,085 | 0,014 | 0,018 | 0,368 | 0,018 | |
| Standard | Min. | 195 | 350 | 20,00 | - | - | - | - | |
| | Max. | - | 520 | - | 0,200 | 0,035 | 0,030 | 1,400 | |

The material has been manufactured, sampled, tested and inspected in accordance with EN 10255 standard and has been found to meet the requirements.

ORIGINAL

NOKSEL
Steel Pipe Inc. Co.

Dr. İYER YAVAS
Quality Chief Engineer

5.03-F.04