



KALİTE KONTROL RAPORU
QUALITY CONTROL REPORT 10204-3.1B



Sayfa No: Sayfa : 1/1
Dök.No: F09.25 rev.03
Tarih: 01.01.2008

| | | | |
|-------------------------------|----------------|----------------------------------|-------|
| Müşteri Customer | | Rapor No-Tarih Report No-Date | |
| Parça Adı Part Name | JACK NUT 35 MM | Sipariş Numarası Order No | |
| Parça Ağırlığı Unit Weight | 0,4 | Sevk Miktarı Quantity | |
| Parça Kodu Part Code | J352 | Malzeme Material | GGG40 |

Kimyasal Analiz Chemical Composition

| Şarj No Charge | % C | % Si | % Mn | % S | % P | % Mg | % Al | % Cr | % Mo | % Ni | % V |
|-------------------|------|------|------|-------|-------|-------|------|------|------|------|-----|
| | 3,72 | 2,59 | 0,20 | 0,009 | 0,038 | 0,047 | - | - | - | - | - |
| | 3,75 | 2,68 | 0,21 | 0,009 | 0,038 | 0,046 | - | - | - | - | - |
| | 3,74 | 2,65 | 0,20 | 0,009 | 0,038 | 0,048 | - | - | - | - | - |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

Mekanik Özellikler Mechanical Properties

| Şarj No Charge | Sertlik HB Hardness HB | Çekme Mukavemeti Rm Mpa Tensile Strength Rm Mpa | Akma Mukavemeti Rp MPa Yield Strength Rp MPa | Uzama As % Elongation % | Kesit Daralması Z % Reduction of Area Z % |
|-------------------|---------------------------|--|---|----------------------------|--|
| | | 135-185 | 400-550 | 250-350 | 15-27 |
| | 160 | 450 | 300 | 19 | 21 |
| | 165 | 450 | 300 | 19 | 21 |
| | 165 | 450 | 300 | 19 | 22 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Mikroyapı Microstructure

| Şarj No Charge | Grafite Ebadı Graphite Size | Küreselleşme % Nodularite % | %Matris %Matrix | | % Zementit %Cementite |
|-------------------|--------------------------------|--------------------------------|-----------------|---------|--------------------------|
| | | | Ferrite | Perrite | |
| | OA-6 | 100 | 85 | 15 | — |
| | OA-6 | 100 | 85 | 15 | — |
| | | | | | |
| | | | | | |
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| | | | | | |

Not
Notes

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SANAYİ VE TİCARET LTD. ŞTİ.



TENSILE TEST RESULT/29.03.2017

| | |
|----------------------------|--|
| DISCRIPTION | JACK NUT 35 MM |
| PART NO | J352 |
| WEIGHT (KG) | 0,400 |
| TEST DEVICE | 100 Tons |
| NAME | Universal Testing Machine |
| BRAND | Shimadzu |
| ATRICLE NO | UH-F1000kNI |
| DEVICE TYPE | Digital |
| APPLIED METHOD | 5mm/min |
| AMBIENT TEMPERATURE | 21 C |
| MEASURED LOAD(kN) | 129,91 |
| REMARKS/RESULTS | After applying bending force on sample till the value of 129,91 kN, it was seen that bending came into occurence on the pipe where the bolt nut pass over. At the end of the experiment, there was no disentanglement on bolt nut. However, it was seen that the bolt nut was nut rotating freely. |
| SAMPLE PHOTOS |  |

Inspecteur
Stamp

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