



#HRACATÇI / ALA#IM / ALLOY 1050  
MÜ#TER# / CUSTOMER: Kloeckner Metals Austria GmbH & KOND#SYON / TEMPER: H14  
S#PAR## NO: 3150072358 / 000010 BOYUTLAR / DIMENSIONS: 1,000mmX1000,00mmX  
CUST.ORDER NO / Puffer JULI '24/913500382 YÜZEY / SURFACE: Plain  
PART NO: BF ID : 1000427770  
ÇEK# L#ST NO / PACK 1150073718

| Paket No /<br>Package No | Bobin No<br>Coil No | Kimyasal Bileşim / Chemical<br>Composition |       |       |       |       |       |       |       |     |     |     | Mekanik Özellikler / Mechanical Properties |                 |                |                        |                       |                             |                          |                         |                          |  |  |  |
|--------------------------|---------------------|--|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|--|-----------------|----------------|------------------------|-----------------------|-----------------------------|--------------------------|-------------------------|--------------------------|--|--|--|
|                          |                     | %  |       |       |       |       |       |       | ppm   |     |     |     | %  |                 |                |                        | Rolling Direction(0)  |                             |                          |                         | Transverse Direction(90) |  |  |  |
|                          |                     | Si   | Fe    | Cu    | Mn    | Mg    | Ti    | Zn    | Cr+ 3 | Pb  | Cd  | Hg  | Al   | Çekme D.<br>MPa | Akma D.<br>MPa | Uz A100%<br>Elongation | Uz A50%<br>Elongation | Çekme D.MPa<br>Tensile Str. | Akma D.MPa<br>Yield Str. | Uz. A100%<br>Elongation | Uz. A50%<br>Elongation   |  |  |  |
|                          | MIN                 | 0,000                                      | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0     | 0   | 0   | 0   | 99,500                                     |                 |                |                        |                       | 105,0                       | 85,0                     |                         | 4,00                     |  |  |  |
|                          | MAX                 | 0,250                                      | 0,400 | 0,050 | 0,050 | 0,050 | 0,025 | 0,030 | 100   | 100 | 100 | 100 | 100,000                                    |                 |                |                        |                       | 145,0                       |                          |                         |                          |  |  |  |
| 0010228003               | 124081979/B4        | 0,118                                      | 0,249 | 0,002 | 0,010 | 0,002 | 0,013 | 0,004 | 20    | 20  | 0   | 0   | 99,564                                     |                 |                |                        |                       | 126,0                       | 120,0                    |                         | 4,50                     |  |  |  |

| Diğer Test Sonuçları / Others Metal Test Results |                     |   |                           |                |   |  |  |  |
|--|---------------------|---|---------------------------|----------------|---|--|--|--|
| Paket No<br>Package No                           | Bobin No<br>Coil No | Kayd#r#c#<br>Lubricate<br>mg/m <sup>2</sup> | Patlama kPa<br>Burst Str. | Erichsen<br>mm | Elektrik iletkenliği<br>Electrical conductivity<br>(MS/m) |  |  |  |
| 0010228003                                       | 124081979/B4        |   |                           |                |   |  |  |  |

Coils/sheets/tread plates are produced according to EN485-1-2-4, EN573-3, EN546-1-2-3-4, EN1396, EN602, ASTM-B209 standards\*\*

\* For the purpose of traceability, inspection and test results of incoming raw materials which are related to products can be provided upon request.

\* Tests and equipments;

Tensile test : ZWICK Z050 or Z WICK 1478, EN ISO 6892-1 or AA (depending on customers' requests)

Spectral Analysis : ARL 4460, ARL 3460

Hardness test : FUTURE-TECH FM-700, EN ISO 6506

Cupping test : ERICHSEN, DIN 50101

\*\* Materials produced according to customer and/or Assan specifications are exempt from these standards.

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FR 123.12

Kalite Kontrol Yetkilisi / Quality Control Technician

ÖZLEM #NANÇ  
UÇAR



Elektronik Onaylanmış / Electronically Approved