

# Test Report

Product Line **SMAW**  
Product **AS B-248**  
Size(s) (mm) **4,0x450**

Lot/Batch **T2MS230399**  
Class **AWS A5.1: E7018**  
**EN ISO 2560-A: E 42 3 B 42 H10**

Customer **Girişim Dış Ticaret**

## Chemical Analysis (%) Weld Metal

EN 10204 2.2

| C     | Si   | Mn   | P     | S     | Cr   | Ni   | Mo   | Cu   | V    |
|-------|------|------|-------|-------|------|------|------|------|------|
| 0,062 | 0,37 | 0,99 | 0,009 | 0,006 | 0,04 | 0,06 | 0,01 | 0,08 | 0,01 |

## Mechanical tests, all weld metal

EN 10204 2.2

### Tensile testing

### Impact testing

| Condition** | Rp0.2 (Yield)<br>MPa | Rm (Tensile)<br>MPa | A5 (Elong.)<br>% | Condition** | Notch Type | Temp.<br>°C | KV (Toughness)<br>Joule |
|-------------|----------------------|---------------------|------------------|-------------|------------|-------------|-------------------------|
| AW          | 485                  | 556                 | 29               | AW          | ISO-V      | -30         | 160                     |

\*\*PWHT: Post-Weld Heat Treatment. AW: As-Welded

## Remarks

Hydrogen Content (ml/100g): **7,4**

The product identified above has been manufactured, tested and supplied in compliance with a certified ISO 9001 Quality Assurance Programme.

Company  
**Kaynak Tekniği Sanayi ve Ticaret A.Ş.**  
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Issued By  
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Technical Director

Date **7.11.2023**

Cert. No.  
**20151645**