

SUPER MATERIALS ONE MEMBER COMPANY LIMITED

201/15 Le Van Str. Hiep Phu Ward

700000 Ho Chi Minh City

According to SS-EN 10204 - 3.1

Date 2019-05-06 Our ref. S2035050-1

Alloy JM 3-15 Your ref. 030519/PO/SM-JM

Drawing no.

Part no. 9501-0074

Description Bar

Size Ø 152 mm

Vietnam

Dist. 9,

Contact person

| Supplementary<br>data | Markings                         |        | L18096 |   |      |      |  |
|-----------------------|----------------------------------|--------|--------|---|------|------|--|
|                       | Charge no.                       |        | L18096 |   |      | <br> |  |
|                       | Quantity                         |        | 0,16 m |   |      |      |  |
| Mechanical properties | Yield strength Rp <sub>0,2</sub> | N/mm²  | 181    |   |      |      |  |
|                       | Tensile strength Rm              | N/mm²  | 340    | ļ | <br> |      |  |
|                       | Elongation A <sub>50</sub>       | %      | 22,5   |   |      |      |  |
|                       | Brinell hardness                 | HBW    | 105    |   |      |      |  |
| Chemical properties   | Al                               | %      | <0,01  |   |      |      |  |
|                       | Cu                               | %      | Rem    |   |      |      |  |
|                       | Fe                               | %      | <0,01  |   |      |      |  |
|                       | Mn                               | %      | <0,01  |   |      | <br> |  |
|                       | Ni                               | %      | 0,16   |   |      |      |  |
|                       | Р                                | %      | <0,01  |   |      |      |  |
|                       | Pb                               | %      | 0,57   |   | <br> |      |  |
|                       | S                                | %      | <0,01  |   |      |      |  |
|                       | Sb                               | %      | 0,03   |   |      |      |  |
|                       | Si                               | %      | <0,01  |   |      |      |  |
|                       | Sn                               | %      | 11,36  |   |      |      |  |
|                       | Zn                               | %      | 0,18   |   |      |      |  |
|                       | Weight                           | Kg/pce |        |   |      |      |  |

Yours faithfully JOHNSON MÉTALL AB Laboratory

Mikael Edberger Inspection representative

JOHNSON METALL AB

Postadress/Postal address P.O Box 1513 SE-701 15 Örebro Sweden Gatuadress/Office address Stålgatan 15, Örebro Styrelsens säte/Reg office Örebro Telefon/Telephone 019-175100 int +46 19 175100 Telefax/Fax 019-146340 int +46 19 148340 E-mail: info.orebro@johnson-metall.com Internet: http://www.johnson-metall.com

Org.nr/Reg.no. 18-556062-0196 Moms reg.nr./VAT no. SE556062019601 Innehar F-Skattebevis Certifikat/Certificate ISO 9001 ISO 14001

Bankgiro/Bank account 614-3606 Bank/Bankers Nordea Bank AB Kontonr./Acc.no. 18 041 701 051 Swiftcode NDEASESS