

|   |   |  |                               |              |   |                        |   |                                  |   |  |  |
|---|---|--|-------------------------------|--------------|---|------------------------|---|----------------------------------|---|--|--|
| Delivery address, Empfänger, Lieu de livraison<br><b>ALUMECO FINLAND OY</b>   |   |  |                               |              | <b>ALUMECO FINLAND OY</b>   |                        |   |                                  |   |  |  |
| KAVIOKUJA 5<br>20380 TURKU<br>SUOMI - FINLAND   |   |  |                               |              | KAVIOKUJA 5<br>20380 TURKU<br>SUOMI - FINLAND                               |                        |   |                                  |   |  |  |
| Requirements, Anforderungen, Exigences<br><b>EN 10088-2:2014</b><br><b>ASTM A240/A240M</b><br><b>ASME SA-240/SA-240M II A ED. 2021</b>  |   |  |                               |              | Our Order No.<br>Unser Auftrag Nr.<br>Notre commande n°<br><b>300654646</b> |                        | Your order, Ihre Bestellung, Votre commande<br><b>120601635</b> |                                  |   |  |  |
| Product, Erzeugnisform, Produit<br><b>SHEET , STAINLESS STEEL</b>   |   |  |                               |              | Mark of Manufacturer<br>Zeichen des Lieferwerkes<br>Signe de producteur<br> |                        | Process<br>Erschmelzungsart<br>Mode de fusion<br><b>AOD</b>     |                                  | Inspector's stamp<br>Zeichen d. Sachverst.<br>Poicon de l'expert  |  |  |
| Grade, Werkstoff, Nuance<br><b>1.4307 TYPE 304L</b>   |   |  |                               |              | Tolerances Toleranzen, Tolérances<br><b>EN ISO 9445-2</b>                   |                        |   |                                  |   |  |  |
| Marking, Kennzeichnung, Marquage<br><b>1.4307 2K</b>  |   |  |                               |              | Marks, Versandzeichen, Marques  |                        |   |                                  |   |  |  |
| Line<br>Reihe<br>Ligne  | Item<br>Position<br>Poste   | Charge-test No.<br>Schmelze-Probe Nr.<br>Coulée n° | Size, Abmessungen, Dimensions |              | Quantity<br>Stückzahl<br>Nombre   | Weight, Gewicht, Poids | Finish<br>Ausführung<br>Fini<br>EN/ASTM                         |                                  |   |  |  |
| <b>1</b>  | <b>3</b>  | <b>46878 4</b>                                     | <b>1,0 X 1500 X 3000 MM</b>   |              | <b>149</b>  | <b>5304 KG</b>         | <b>2K/4</b>   |                                  |   |  |  |
| <b>2</b>  | <b>4</b>  | <b>56083 1</b>                                     | <b>1,5 X 1500 X 3000 MM</b>   |              | <b>97</b>   | <b>5118 KG</b>         | <b>2K/4</b>   |                                  |   |  |  |
| Charge no.<br>Schmelze Nr.<br>Coulée n°   | Chemical composition, Chemische Zusammensetzung, Composition chimiques        |  |                               |              |   |                        |   |                                  |   |  |  |
|   | C<br>%  | Si<br>%  | Mn<br>%                       | P<br>%       | S<br>%  | Cr<br>%                | Ni<br>%   | N<br>%                           |   |  |  |
| <b>46878</b>  | <b>0,022</b>  | <b>0,48</b>  | <b>1,30</b>                   | <b>0,039</b> | <b>&lt;.001</b>   | <b>18,2</b>            | <b>8,1</b>  | <b>0,074</b>                     |   |  |  |
| <b>56083</b>  | <b>0,025</b>  | <b>0,40</b>  | <b>1,29</b>                   | <b>0,033</b> | <b>0,001</b>  | <b>18,1</b>            | <b>8,1</b>  | <b>0,070</b>                     |   |  |  |
| Line<br>Reihe<br>Ligne  | Mechanical properties, Mechanische Eigenschaften, Caracteristiques mecaniques |  |                               |              |   |                        |   |                                  | Tensile test, Zugversuch, Essai de traction   |  |  |
|   | Sample ID<br>Proben ID<br>Echantillon   | Rp0.2<br>MPa                                       | Rp1.0<br>MPa                  | Rm<br>MPa    | %   | A50<br>%               | A80<br>%  | Hardness<br>Härte, Duraté<br>HBW | ISO 6892-1:2019 A224<br>SAMPLES PERPENDICULAR TO<br>THE ROLLING DIRECTION   |  |  |
| <b>1</b>  | <b>21</b>   | <b>340</b>   | <b>379</b>                    | <b>657</b>   |   | <b>58</b>              | <b>55</b>   | <b>184</b>                       | <b>TENSILE TEST</b><br><b>AT ROOM TEMPERATURE</b><br><b>IN DELIVERY CONDITION</b><br><b>RP0.2 PROOF STRENGTH</b><br><b>RP1.0 PROOF STRENGTH</b><br><b>RM TENSILE STRENGTH</b><br><b>A50 ELONGATION GL 50 MM</b><br><b>A5 ELONGATION PROPORTION</b><br><b>HBW BRINELL HARDNESS</b><br><b>HV10 VICKERS HARDNESS</b> |  |  |
|   | <b>22</b>   | <b>344</b>   | <b>382</b>                    | <b>657</b>   |   | <b>57</b>              | <b>54</b>   | <b>186</b>                       |   |  |  |
| <b>2</b>  | <b>01</b>   | <b>341</b>   | <b>375</b>                    | <b>643</b>   |   | <b>58</b>              | <b>55</b>   | <b>176</b>                       |   |  |  |
|   | <b>02</b>   | <b>356</b>   | <b>390</b>                    | <b>648</b>   |   | <b>59</b>              | <b>56</b>   | <b>179</b>                       |   |  |  |
| Identity test, Verwechslungsprüfung, Controle d'identification<br>Sizes, Abmessungen, Dimensions<br>Surface, Oberfläche, Surface<br>Test of intergran. corros, Prüfung auf interkrist. Korros, Test de corros. intercrist.<br><b>EN ISO 3651-2 A: OK</b>  |   |  |                               |              |   |                        |   |                                  |   |  |  |
| NACE MR0103/ISO 17945 AND<br>NACE MR0175/ISO 15156-1 / NACE MR0175/ISO 15156-3<br>HEAT TREATMENT 1060 C<br>SOLUTION ANNEALED  |   |  |                               |              |   |                        |   |                                  |   |  |  |
| We certify that the above mentioned products comply with the terms of the order contract.<br>Wir bestätigen, dass die Lieferung den Vereinbarungen der Bestellannahme entspricht.<br>Nous certifions que les produits énumérés ci-dessus sont conformes aux prescriptions de la commande.                 |   |  |                               |              |   |                        |   |                                  |   |  |  |
| This test certificate is made by controlled ADP-system and is valid without signature.<br>Dieses Zeugnis wurde von einem überprüften Datenverarbeitungssystem erstellt und ist ohne Unterschrift gültig.<br>Ce certificat a été établi par un système informatique contrôlé et est valide sans signature. |   |  |                               |              |   |                        |   |                                  |   |  |  |
| <b>Outokumpu Stainless Oy</b>   |   |  |                               |              |   |                        |   |                                  |   |  |  |
|   |   |  |                               |              |   |                        |   |                                  |   |  |  |
| Authorized inspector <b>A-E KYÖSTÄJÄ</b><br>Werkssachverständiger<br>Inspecteur autorisé  |   |  |                               |              |   |                        |   |                                  |   |  |  |
| FI-95490 Tornio, Finland<br>Tel. +358 16 4521, email certificate.tornio@outokumpu.com, www.outokumpu.com<br>Domicile: Tornio, Finland. Business Identity Code 0823315-9   |   |  |                               |              |   |                        |   |                                  |   |  |  |