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| <b>A01</b><br><b>ArcelorMittal</b><br><b>Tubular Products Karviná a.s.</b><br><b>Česká republika</b><br><b>Rudé armády 471</b><br><b>Karviná - Hranice / 733 23</b><br>TEL.:+420-596391111<br>FAX: +420-596311373 | <b>A02</b><br><b>ZKUŠEBNÍ ZPRÁVA</b><br><b>WERKSZEUGNIS</b><br><b>TEST REPORT</b><br><b>EN 10 204-2.2</b> | <b>A03</b><br>Dokument č.<br>Bescheinigung Nr<br>Document No.<br><b>1000769700</b> | <b>A04</b><br><br><b>ArcelorMittal</b> |
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| <b>A06</b> Odběratel / Besteller / Customer<br>RJR LTD. 201 Kopavogur Baejarlind 1-3 IS |
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| <b>A07</b> | Objednávka č.<br>Bestellung Nr.<br>Purchase order No. | <b>18/833JR</b> | <b>A08</b> | Zakázka č.<br>Auftrag Nr.<br>Order No. | <b>3191022968/6</b> | <b>A10</b> | Ložný list č.<br>Lieferschein Nr.<br>Delivery Note | <b>8190049004/60</b> |
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| Product code: HSRNC |
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| B01-B06 | Výrobek<br>Erzeugnis<br>Product | Color Coated,Welded threaded HSR tubes EN 10255-M,Technical Norm EN 10255 [2007],Dimension Norm EN 10255 [2007],TB 3/4" M (26.9 x 2.6),Steel Grade S195T,HSR, Class 1,Length 6.000,00 mm,Length Upper Tol. 50,00 mm,Length Lower Tol. 0,00 mm,Coating Valu e Blue RAL5005,Inside weld seam removed Yes,Plain ends,Milled, not chamfered<br>ARCELORMITTAL KARVINA / M / W / [CE] |
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| B09                    | Rozměr<br>Abmessung<br>Dimensions | B10      | Celková délka<br>Gesamtlänge<br>Total length m | B08    | Kusy<br>Stücke<br>Pieces | B13      | Celk. hmotnost<br>Gesamtgewicht Total<br>Weight kg |
| TB 3/4" M (26.9 x 2.6) |                                   | 2.286,00 |                                                | 381,00 |                          | 3.420,00 |                                                    |

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| <b>C71-C92 Chemické složení - Chemische Zusammensetzung - Chemical composition (%)</b> |
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| B07 | Tavba<br>Schmelze<br>Melt | C [%]  | Mn [%] | Si [%] | P [%]  | S [%]  | Al [%] | N [%]  | Cu [%] | Cr [%] | Mo [%] | Ni [%] | V [%]  | Nb [%] | Ti [%] | B [%]  |
|-----|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|     | 97700E                    | 0.0560 | 0.7610 | 0.0190 | 0.0090 | 0.0110 | 0.0350 | 0.0061 | 0.0900 | 0.0420 | 0.0090 | 0.0410 | 0.0020 | 0.0010 | 0.0010 | 0.0001 |

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| <b>Mechanické vlastnosti-Mechanical properties</b> |
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| B07    | Tavba<br>Schmelze<br>Melt | C11    | Výrazná nebo smluvní mez kluzu<br>Streck-order dehngrenze<br>Yield or proof strength MPa | C12       | Mez pev. v tahu<br>Zugfestigkeit<br>Tensile strength MPa | C13              | Tažnost<br>Bruchdehnung<br>Elongation after fracture<br>(A5,10,80, Ag, Agt)% | C53 | Jiné zkoušky - tvrdost<br>Andere Proben - Härteprüfung<br>Other tests - hardness | C53 | Jiné zkoušky - drsnost<br>Andere proben - Rauheit<br>Other tests - roughness um |
|        |                           | >195   |                                                                                          | >320 <520 |                                                          | >20<br>A5 Ag Agt |                                                                              |     |                                                                                  |     |                                                                                 |
| 97700E |                           | 369.00 |                                                                                          | 417.00    |                                                          | 44.33            |                                                                              |     |                                                                                  |     |                                                                                 |

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| C10 | Tvar zkušebního tělesa odpovídá normě EN ISO 6892-1/16<br>Probenform antwortet Norm EN ISO 6892-1/16<br>Shape of test piece matches standard EN ISO 6892-1/16 | C93 | Hodnota hmotnostní aktivity ionizujícího záření v tavební analýze nepřesahuje 100 Bq/kg<br>Die Wert der Massenaktivität von ionisierenden Strahlung in die Schmelzenanalyse überschreitet 100 Bq/kg nicht.<br>Value mass ionising radiation activity in analysis of melt not ex. 100 Bq/kg. |
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| C50 | Zkouška smáčknutím<br>Quetschprobe<br>Flattening test | C51 | Zkouška rozšířením<br>Aufweitungsprobe<br>Expanding test | C52 | Zkouška ohybem<br>Biegeprobe<br>Bending test | ✓ |  |
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| Z01 | Timto se potvrzuje, že tyto výrobky byly zkoušeny a jsou v souladu s požadavky objednávky.<br>Zkoušky se prováděly na dodaných výrobcích.<br>Wir bestätigen, dass die Produkte geprüft wurden und entsprechen den Vereinbarungen der Bestellung. Examina sich Vornahme an geliefert Erzeugen.<br>We hereby certify that the products were tested and are in compliance with order requirements.<br>Examination do future delivery producers. | Z05 | Zamyšlené použití : vhodné pro svařování a řezání závitů dle DIN EN 10255:2004+A1:2007<br>Beabsichtigte Anwendung : eignung zum Schweißen und Gewindeschneiden nach DIN EN 10255:2004+A1:2007<br>Purpose of utilization : suitable for welding and threading according to DIN EN 10255:2004+A1:2007 |     |             |                              |
| D01 | Povrch a rozměry-kontrola a měření je v souladu s objednávkou<br>Surface and dimension - tested according to purchase order<br>Oberfläche und Masse - Geprüft entprechend der Bestellung                                                                                                                                                                                                                                                     |     |                                                                                                                                                                                                                                                                                                     |     |             |                              |
| D02 | Nedestruktivní zkoušky<br>Zerstörungsfreie Proben<br>Non-destructive tests<br>EN ISO 10893-1                                                                                                                                                                                                                                                                                                                                                 | D51 | Vodní tlak<br>Druckprobe<br>Hydr. Test<br>50bar/ 5s                                                                                                                                                                                                                                                 | Z04 | 1326WL48222 | <br><b>0045</b><br><b>12</b> |

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| Z02 | Datum vydání a ověření platnosti<br>Datum der Ausstellung und Bestatigung<br>Date of issue and validation | 30.06.2018<br>Miroslav Hanzel | Z03 | Razítko zástupce kontroly<br>Stempel des Abnahmebeauftragten<br>Stamp of the inspection representative | <br><b>ArcelorMittal Tubular Products Karviná a.s.</b><br>ZKUŠEBNÍ A DEFEKTOVÝ<br>HO 434 JAKOST |
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