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| A01 ARCELORMITTAL GENT JOHN KENNEDYLAAN 51.. 9042 GENT | |  ArcelorMittal | | A03 N° 2103947 Printout date 13/03/2020 | | A08 Order No 291942/1 Creation date 10/12/2019 | | A07 Cust. Ref. 1113497 Order's date 10/12/2019 Contract Nr. | | | |
| A05 ARCELORMITTAL ESP SSC TWEE MOLENSTRAAT 8 2440 GEEL 014241510 014285274 | | OY KONTINO AB HAKINTIE 6-8 PL 27 01380 VANTAA FINLAND | | | | A06.2 Destination | | OY KONTINO AB HAKINTIE 6-8 01380 VANTAA FINLAND | | | |
| | | A06.3 Customer | | OY KONTINO AB HAKINTIE 6-8 PL 27 01380 VANTAA FINLAND | | A09 | | Del.Note No 447876 Delivery date 13/03/2020 | | | |
| Certificate | | | | A02 3.1 / EN10204 + KV | | | | | | | |

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| B01 - B04 | MATERIAL SPECIFICATION | - Item : 1 SHEET DKP-AMSTRONG355MC-O ARCELORMITTAL |
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|---------------|---|------------------|---------|-------------------|---------|--------------------|-------|-----|--|----------------------|--|
| B03.1 Item | 1 | B12 Lgth (mm) | 3000.00 | B11 Width (mm) | 1500.00 | B09 Thick. (mm) | 8.000 | B14 | | Z05 Certification | |
|---------------|---|------------------|---------|-------------------|---------|--------------------|-------|-----|--|----------------------|--|


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| Product N° | 2861556 , 2861557 , 2861558 , 2861559 | | | | | | | | | | |
| B07 Coils N° | Entity | 865557380 | B07.1 Heat No | 56557 | B08 - Number of Pieces | 32 | B13 - Weight (kg) | 9050.000 | | | |
| | Supplier entity | 865557380 | | | | | | | | | |

| Chemical Analysis | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|---------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-----------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|--------|-------|-------|--------|
| | | C71 | C72 | C74 | C75 | C73 | C77 | C78 | C80 | C79 | C76 | C81 | C83 | C84 | C82 | C85 | C86 | C88 | C87 | C93 | C94 | C95 | C96 | C97 |
| B07 | B07.1 | C | Mn | P | S | Si | Al | Nb | V | Ti | N | B | Cu | Ni | Cr | Mo | Sn | As | Zr | Cev | Ceq | Gal | Res | Dis |
| Supplier entity | Heat No | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| 865557380 | 56557 | /0.100 0.0702 | /1.400 0.530 | /0.020 0.014 | /0.015 0.006 | /0.030 0.008 | 0.015 0.0309 | /0.075 0.0242 | /0.200 0.000 | /0.150 0.001 | / | / | / | / | / | / | / | / | / | / | / | / | / | / |
| | | | | | | | | | | | | | | | | | | | | 0.1645 | 0.1599 | 0.043 | 0.047 | 0.0252 |

| Mechanical Values | | | | | | | | | | | | | | | | |
|---|-----------|------------|-----------|----------------------------|---------------------|------------------------------|-----|-----|-----|-----|-----|---|-----------|-----|--------------------------|------------------|
| Mechanical characteristics With EN ISO 6892-1 | | | | | | | | | | | | Caractéristiques en Flexio par Choc With EN ISO 148-1 | | | | |
| | C04 | C03 | C02 | C11 | C12 | C13 | C14 | C15 | C16 | C17 | C18 | C44 | C45 | C46 | C42 | C43, C40 |
| B07 | Condition | Test temp. | Direction | Re | Rm | A% | n | r | BH2 | BH0 | WH | Test temp. | Direction | | KC1, ... | K |
| Supplier entity | | | | MPa | MPa | % | | | MPa | MPa | MPa | | | | J | J |
| 865557380 | | +20°C | L | 355 / ReL 435 358 | 430 / 520 469 | 25 / A5.65 33 A5.65 | / | / | / | / | / | -40°C | L | | / 208, 210, 209 Kv | / 209.0 Kv |

C02, C45 - Direction of the test piece in relation to the rolling direction (L = 0° - T = 90° - S = 45°)

C04 - Sample conditions (V = Aged - F = Fresh - N = Normalized - AR = As Rolled)

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| Surface characteristics | | |
|-------------------------|-------|-----------------|
| B07 | B07.2 | |
| Supplier entity | Faces | |
| 865557380 | | No requirements |

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| Controls carried out: | D01.1 - Visual : O.K. | D01.2 - Measurement control : O.K. | D01.3 - Stamping : O.K. | |
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Z01 - We certify hereby that the above mentioned products are consistent with the order prescriptions.

Z02 - Values transmitted by :

ARCELORMITTAL ESP SSC
Hans Vos
Kwaliteitsdienst



Z02 - Values certified by :

ARCELORMITTAL GENT
R. Slock

Z03 - STAMPING

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