

Declaration of Performance
(according to regulation EU No 305/2011)

Certificate No:

2814/CPR/RQA0532073/A

S235J0C

Strip S235J0C / 1.0114 according EN 10025-2

To be used in-welded, bolted and riveted structures

Tata Steel Ijmuiden B.V.
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The Netherlands
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CE Marking Notified Body
Lloyd's Register Verification B.V.
K.P. Van Der Mandelelaan 41 A
3062 MB Rotterdam
The Netherlands

System of assessment and verification of constancy of
performance of the product
System 2+

Notified factory production control certification body No. 2814
performed the initial inspection of the manufacturing plant and of
factory production control and the continuous surveillance,
assessment, and evaluation of factory production control and
issued the certificate of conformity of the factory production
control

The performance of the product identified is in conformity with
the declared performance. This declaration of performance is
issued, in accordance with regulation (EU) No305/2011, under
the sole responsibility of the manufacturer. Signed for and on
behalf of the manufacturer by:



Carel Kleemans – Technical Director, Strip Products MLE
Tata Steel Ijmuiden BV

5th of August 2021
Date

| Essential characteristic | Performance | | | | Harmonised technical specification |
|------------------------------------|------------------------|------|--|-----|------------------------------------|
| Tolerances on dimensions and shape | Dimensions | | EN 10051 | | EN10025-1 2004 |
| | Flatness | | EN10051 | | |
| Yield strength (transverse) | Nominal thickness (mm) | | Values Min (MPa) | | |
| | > | <= | | | |
| | 1.4 | 16 | 235 | | |
| | 16 | 20 | 225 | | |
| Tensile strength (transverse) | Nominal thickness (mm) | | Values (MPa) | | |
| | > | <= | min | max | |
| | 1.4 | 20 | 360 | 510 | |
| Elongation (transverse) | Nominal thickness (mm) | | Values min (% , 80mm) | | |
| | > | <= | | | |
| | 1.4 | 1.5 | 18 | | |
| | 1.5 | 2 | 19 | | |
| | 2 | 2.5 | 20 | | |
| | 2.5 | 3 | 21 | | |
| | Nominal thickness (mm) | | Values min (% , 5.65√s ₀) | | |
| | >3 | <=20 | 24 | | |
| Impact strength (longitudinal) | J0 | | 27J at + 0°C | | |
| Weldability CEV | Nominal thickness (mm) | | Values max (%) | | |
| | > | <= | | | |
| | 1.4 | 20 | 0.35 | | |
| Durability | Nominal thickness (mm) | | Values max (%) | | |
| | >1.4 | <=20 | C:0,17 Mn: 1,40 P: 0,030 S: 0,030 N: 0.012 Cu: 0.55 | | |



2814

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MLE Strip S235J0C

EN 10025-1 – 2004

Strip

S235J0C/1.0114

To be used in-welded, bolted and riveted structures

Tolerances on dimensions : Strip EN10051

Elongation :
Tensile Strength :
Yield Strength : EN10025-2
Impact Strength :
Weldability :
Durability :

Dangerous Substances : No Performance Determined