

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

Unique ID code No. TSSP S235J2C

Declared Performance

Strip S235J2C / 1.0119

According to EN 10025-1

Harmonised standard
Intended use- To be used in - welded, bolted and riveted structures

Manufacturer
Tata Steel UK Limited
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System of AVCP System of assessment and verification of constancy of performance of the product
System 2+

Notified Body Bureau Veritas Italia S.P.A Inspection Services
No. 1370 performed the inspection of the manufacturing plant,
factory production control, the continuous surveillance
assessment and evaluation. The performance of the product
identified above is in conformity with the set of declared
performance/s. This declaration of performance is issued under
the sole responsibility of Strip Products UK limited.

Signed for and on behalf of the manufacturer by:



Martin Brunnock – Director, Strip Products UK
Tata Steel UK Limited

Date:- August 2020

| Essential characteristic | Performance | | Harmonised technical specification | |
|------------------------------------|--------------------------------|------|---|--------------|
| | | | EN 10051 | |
| Tolerances on dimensions and shape | Dimensions | | Values Min (MPa) | |
| Yield strength (transverse) | Nominal thickness (mm) | | Values Min (MPa) | |
| | > | <= | 235 | |
| Tensile strength (transverse) | Nominal thickness (mm) | | Values (MPa) | |
| | > | <= | min | max |
| Elongation (transverse) | Nominal thickness (mm) | | Values min (% 80mm) | |
| | > | <= | | |
| | 1 | 1.5 | 15 | |
| | 1.5 | 2 | 16 | |
| | 2 | 2.5 | 17 | |
| | 2.5 | 3 | 18 | |
| | 3 | 16 | 19 | |
| | Nominal thickness (mm) | | Values min (% 5.65√s ₀) | |
| | 3 | 16 | 24 | |
| | Impact strength (longitudinal) | J2 | | 27J at -20°C |
| Weldability CEV | Nominal thickness (mm) | | Values max (%) | |
| | > | <= | 0.35 | |
| Durability | Nominal thickness (mm) | | Values max (%) | |
| | - | <=16 | C: 0,17 Mn: 1,40 P: 0,025 S: 0,025 Cu: 0,55 | |

EN10025-1 2004



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EN 10025-1 – 2004
Strip S235J2C / 1.0119

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structures

Elongation Tolerances on dimensions : Strip EN10051
Tensile Strength :
Yield Strength : EN10025-2
Impact Strength :
Weldability :
Durability :

Dangerous Substances : No Performance Determined