

Declaration of performance (Dop)

S275 (JR,J0,J2)

Declaration of performance (Dop)
(according to regulation [EU No 305/2011](#))

No 1162-CPR-0255 (Box)
No 1162-CPR-0256 (Sme)

1. Code of the product type: **1.0044/1.0443/1.0145**
2. Type: **Bars in S275(JR,J0,J2) according to EN10025-2:2004**

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as Foreseen by the manufacturer

To be used in welded, bolted and riveted structures

3. Ovako Bar AB
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Website: www.ovako.com

CE Marking Notified Body
DNV Certification AB
BOX 6046 SE-171 06
Solna Sweden
Tel: +46 8 587 940 00
Website: www.dnvba.se

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

Notified factory production control certification body **No. 1162** 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.

Rickard Qvarfort



2014-07-01
Managing Director

| Essential characteristics | | Performance | | | | Harmonised technical specification |
|--|---------------------------------|----------------------------------|------|-----|------|------------------------------------|
| Tolerances on dimensions and shape | Flat/Round bars | EN 10058 & EN 10060 | | | | EN10025-1:2004 |
| Yield strength (min R _s) | Nominal thickness/diameter (mm) | Min. Values (N/mm ²) | | | | |
| | -16 | 275 | | | | |
| | (16)-40 | 265 | | | | |
| | (40)-63 | 255 | | | | |
| | (63)-100 | 245 | | | | |
| Tensile strength (min R _m) | Nominal thickness (mm) | Values (N/mm ²) | | | | |
| | 16-100 | 410-560 | | | | |
| Elongation min (A ₅) | Nominal thickness (mm) | Min. Values (%) | J0 | J2 | | |
| | -40 | 23 | 23 | 21 | | |
| | (40)-63 | 22 | 22 | 20 | | |
| | (63)-100 | 21 | 21 | 19 | | |
| Impact strength (KV) | Temperature (°) | Min. Values (J) | | | | |
| | 20/0 | 27 | | | | |
| Weldability (CEV) | Nominal thickness (mm) | Max. Values (%) | | | | |
| | ≤40 | 0,40 | | | | |
| | >40 | 0,42 | | | | |
| Durability (Chemical composition) | Max. Values (%) | | | | | |
| C | Mn | P | S | Cu | N | |
| .21 | 1.50 | .040 | .040 | .55 | .012 | |