

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
SE-777 80 Smedjebacken Sweden
Box 5 SE-590 10 Boxholm Sweden
Tel: +46 240 668000
+46 142 293600
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			
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 (%)			
	-40	JR 23 J0 23 J2 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

EN10025-1:2004