

DECLARATION OF PERFORMANCE

No 1.4318

Unique identification code of the product-type:	1.4318 - EN 10088-4:2009
Intended use/es:	Sheet/plate and strip of corrosion resisting steels for construction purposes
Manufacturer:	Outokumpu Nirosta GmbH Oberschlesienstr. 16, 47807 Krefeld, Germany
System/s of AVCP:	2+
Harmonised standard: Notified body/ies:	EN 10088-4:2009 MPA NRW No.0432 No. 0432-CPR-00052-1

Essential characteristics	Performance	Harmonised technical specification												
Tolerances on dimensions and shape	Tolerances in accordance with EN ISO 9444-2 and EN ISO 9445-2	EN 10088-4:2009, Clause 6.9												
0,2%-proof strength (yield strength) Rp0,2 Tensile strength Rm Elongation A Impact strength KV	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-right: 1px solid black;">Cold rolled</td> <td style="width: 50%;">Hot rolled</td> </tr> <tr> <td style="border-right: 1px solid black;">350 Mpa</td> <td>330 Mpa</td> </tr> <tr> <td style="border-right: 1px solid black;">650-850 Mpa</td> <td>650-850 MPa</td> </tr> <tr> <td style="border-right: 1px solid black;">35 % (<3 mm)</td> <td>35 % (<3 mm)</td> </tr> <tr> <td style="border-right: 1px solid black;">40 % (≥3 mm)</td> <td>40 % (≥3 mm)</td> </tr> <tr> <td style="border-right: 1px solid black;">-</td> <td>60 J (transverse)</td> </tr> </table>	Cold rolled	Hot rolled	350 Mpa	330 Mpa	650-850 Mpa	650-850 MPa	35 % (<3 mm)	35 % (<3 mm)	40 % (≥3 mm)	40 % (≥3 mm)	-	60 J (transverse)	EN 10088-4:2009, Clause 6.5.1
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Weldability	(covered by chemical composition)	EN 10088-4:2009, Clause 6.3												
Durability	(covered by chemical composition)	EN 10088-4:2009, Clause 6.3 and 6.4												
Fracture toughness/ brittle strength	(covered by impact strength)	EN 10088-4:2009, Clause 6.5.1												
Cold formability	(covered by elongation)	EN 10088-4:2009, Clause 6.8												

Appropriate Technical Documentation and/or Specific Technical Documentation:	No. 0432-CPR-00052-1 EN 10088-4:2009, annex ZA
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The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 574/2014, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



Krefeld, 24.09.2019

Nico Malinowsky - Inspector (EU-O-KB-QM-A)