

DECLARATION OF PERFORMANCE

No 1.4547

Unique identification code of the product-type:	1.4547 - EN 10088-4:2009
Intended use/es:	Sheet/plate and strip of corrosion resisting steels for construction purposes
Manufacturer:	Outokumpu Nirosta GmbH Kasseler Straße 100, 35683 Dillenburg, Germany
System/s of AVCP:	2+ (Clause ZA.2)
Harmonised standard: Notified body/ies:	EN 10088-4:2009 MPA NRW No.0432 No. 0432-CPR-00052-2

Declared performance/s:												
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;">320 Mpa</td> <td>300 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 %</td> <td>40%</td> </tr> <tr> <td style="border-right: 1px solid black;">-</td> <td>100 J</td> </tr> </table>	Cold rolled	Hot rolled	320 Mpa	300 Mpa	650-850 MPa	650-850 Mpa	35 %	40%	-	100 J	EN 10088-4:2009, Clause 6.5.1
Cold rolled	Hot rolled											
320 Mpa	300 Mpa											
650-850 MPa	650-850 Mpa											
35 %	40%											
-	100 J											
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-00052-2 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:


 Dillenburg, 07.04.2025 Jörg Leiffels, OPS-Head Dillenburg