

## DECLARATION OF PERFORMANCE

No 1.4565

Unique identification code of the product-type:	1.4565 - 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+											
Harmonised standard:	EN 10088-4:2009											
Notified body/ies:	MPA NRW No.0432 No. 0432-CPR-00052-1											
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											
0,2%-proof strength (yield strength) Rp0,2 Tensile strength Rm Elongation A Impact strength KV	<table border="1"> <tr> <th>Cold rolled</th> <th>Hot rolled</th> </tr> <tr> <td>420 Mpa</td> <td>420 Mpa</td> </tr> <tr> <td>800-950 MPa</td> <td>800-950 MPa</td> </tr> <tr> <td>30 %</td> <td>30 %</td> </tr> <tr> <td>90 J (transverse)</td> <td>90 J (transverse)</td> </tr> </table>	Cold rolled	Hot rolled	420 Mpa	420 Mpa	800-950 MPa	800-950 MPa	30 %	30 %	90 J (transverse)	90 J (transverse)	EN 10088-4:2009, Clause 6.5.1
Cold rolled	Hot rolled											
420 Mpa	420 Mpa											
800-950 MPa	800-950 MPa											
30 %	30 %											
90 J (transverse)	90 J (transverse)											
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											

**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:

*Jens Lewandowski*

Dillenburg, 24.09.2019

Jens Lewandowski - Inspector (EU-O-KB-QM-A)