

Buderus Edelstahl GmbH Buderusstraße 25, 35576 Wetzlar	Buderus Edelstahl		
NJSB TAG NO. 398	Inspection certificate EN 10204-3.1		Stempel des Abnahmebeauftragten Inspectors Stamp
	Certificate No. 326603/2		
	Our Reference No. Pos. 514195 1		

Heat No. 21454																			
Melting process	Electric steel																		
Casting method	Ingot casting																		
Material Grade	X65Cr13 mod.																		
Steel gr.no.	4037 MOD.																		
Production order	4336138																		
Shipment no./Date	6021770990/24.05.2019																		
Invoice No./Date	6035011785/28.05.2019																		
Material description	: Hot rolled Strip skin passed																		
Customer Order-No.	: PO-000058 Pos. 6																		
Specification	: Chemistry: C: 0.66 - 0.70 % Si: 0.30 - 0.50 % Mn: 0.60 - 0.70 % P: max. 0.025 % S: max. 0.010 % Cr: 12.70 - 13.30 % V: 0.05 - 0.10 % N: 0.10 - 0.12 % tolerances acc. DIN EN 10140:2006 version A																		
Dimension	: 6,730 x 340,000 mm, mill edges thickness tolerance +0,160 /-0,160 mm width tolerance +3,600 /-0,000 mm length 1.219,200 mm +12,000 / -0,000 mm																		
Chemistry Analysis (% - H [Hydrogen] in ppm) <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 15%;">21454</th> <th style="text-align: center; width: 10%;">C</th> <th style="text-align: center; width: 10%;">Si</th> <th style="text-align: center; width: 10%;">Mn</th> <th style="text-align: center; width: 10%;">P</th> <th style="text-align: center; width: 10%;">S</th> <th style="text-align: center; width: 10%;">Cr</th> <th style="text-align: center; width: 10%;">V</th> <th style="text-align: center; width: 10%;">N</th> </tr> </thead> <tbody> <tr> <td></td> <td style="text-align: center;">0.678</td> <td style="text-align: center;">0.310</td> <td style="text-align: center;">0.620</td> <td style="text-align: center;">0.0210</td> <td style="text-align: center;">0.0010</td> <td style="text-align: center;">12.790</td> <td style="text-align: center;">0.070</td> <td style="text-align: center;">0.1070</td> </tr> </tbody> </table>		21454	C	Si	Mn	P	S	Cr	V	N		0.678	0.310	0.620	0.0210	0.0010	12.790	0.070	0.1070
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	0.678	0.310	0.620	0.0210	0.0010	12.790	0.070	0.1070											
Hardness Test K6138 hardness converted: 836.0 MPa																			

Certificate is prepared by EDP-System and is valid without signature.
 We hereby certify, the above mentioned material is in accordance with the terms of the order.

Approval & Certification Wetzlar, 29.05.2019	Manufacturer Works inspector Kai-Lukas Lotz	Page 1 of 1 Enclosures ☐
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