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 1970 CA IJmuiden, The Netherlands
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 Company Trade Register 54060521
 E-mail: info.testing@tatasteel-europe.com

A02 Inspection certificate 3.1, EN10204.
 00010

A03 Doc. nr.
 2020085041 00

A04 Customer/Consignee
 NAANTALI STEEL SERVICE CENTRE OY
 RAUTAKATU 5
 21110 NAANTALI
 FINLAND

A05 Dispatch note
 38026

A06 A
 54100

A07 Reference
 LASERKESKUS
 00010

A08 801,802,805,806,815

A09 Hot rolled pickled, Coil, S355MC, YMPRESS WG S:01-2010.
 1.00 G/M2/Side oiled.
 Mill edges.

A10 Transpourt
 EGON W

A11 Tolerance EN 10051 : 2010 (E) (Width tolerance +20/-0 mm) Dev.Tol. (Thickness tolerance +0.15/-0.15 mm).
 PRODUCE AND TEST ACCORDING TO EN 10149-2

B07 CAST NR.	B08 NR	B09 MASS Kg	B10 PROD. IDENT.	TENSILE TEST										IMPACT TEST AND OTHER TESTS									
				B01 1500 mm	B02 X	B03 5 mm	B04 Temp °C	B05 ReH MPa	B06 ReL MPa	B07 Rp0.2 MPa	B08 Rm MPa	B09 A %	B10 A %	B11 K _H /R _m %	B12 r-value	B13 n-value	B14 C52 HARDNESS	B15 C40, C60, C65	B16 Temp °C	B17 C44 ind. ind. ind.	B18 C42 ind. ind. ind.	B19 C43 mean	B20 C45 ASTM E-112
R0746	1	10540	785895	32	1L	P	+ 20	384		474	34.0	81											
R0757	1	10511	785896	32	1L	P	+ 20	388		471	35.0	82											
	1	10091	785897	32	1L	P	+ 20	397		478	34.5	83											
	1	9711	785893A																				
	1	9141	785893B																				
	1	10590	785898																				
	1	10531	785899																				
	1	9971	785900																				
TOTAL																							

CHEMICAL COMPOSITION in %																		
B21 CAST NR.	B22 C	B23 Mn	B24 P	B25 S	B26 Si	B27 Al	B28 Cu	B29 Cr	B30 Ni	B31 Mo	B32 Nb	B33 V	B34 N	B35 B	B36 C-eq	B37 Sn	B38 Ti	B39 C-eq1
R0746	0.067	0.498	0.018	0.002	0.021	0.032	0.015	0.024	0.017	0.002	0.026	0.002	0.0030	0.0000	0.158	0.030	0.002	0.158
R0757	0.069	0.509	0.006	0.002	0.020	0.032	0.015	0.018	0.019	0.002	0.026	0.002	0.0039	0.0001	0.161	0.030	0.001	0.161

C50 Buigproef/Bend test/Biegeversuch/Test de flexion : good/good/gut/concluant

C54 1: J/cm²
 2: J
 3: Later. exp. (mm)
 4: Contraction (Z)
 5: Shear area (Z)

C61 C01 C02 C03 C04 C05 C06 C07 C08 C09
 1: Top 2: Edge 3: Surface 4: Centre 5: Bottom
 1: Surface 2: Transverse 3: Inverse 4: Inverse 5: Diagonal dir
 C-eq1: C + Mn/6 + (Cr + Mo + V)/5 + (Ni + Cu)/15

C70 STEELMAKING PROCESS: B0 Page 1 of 1

Z02 Tata Steel IJmuiden BV

Z05 Stamp of the expert :

Z06 JEFFREY FLEMING
 MGR. MECH. TESTING
Jeffrey Fleming

Z07 IJMUIDEN, 24 SEPTEMBER 2020

Z08 We hereby confirm that we comply to the terms of our order
 acknowledgement and any agreed concessions

Z09 01M59TTS