

Z04

402 Inspection certificate 3.1, EM0204.

MAANTALI STEEL SERVICE CENTRE OY 00020

407-AB9 Reference
4500023452
11008864

Hot rolled pickled, Coil, S355MC, YMPRESS WG S:01-2010.
1.00 G/M2/side oiled.
Mill edges.
Impact test.
Suitable for: Part galvanising, Cutting into sheet.

405 Dec. nr
2020038051 00

SERVICE CENTRE MAASTRICHT B.V.
B.U. FEIJEN
POSTBUS 10.000

1970 CA IJMUIDEN The Netherlands
Telephone: 0251-492110
Company Trade Register 54040551
E-mail: info-test@tatasteel-europe.com

406 Customer/Compline

1970 CA IJMUIDEN
NOORDHOLLAND

410 Transport
ALLADIN

411 Dispatch note
78487

IMPACT TEST AND OTHER TESTS

HARDNESS

TENSILE TEST

1500 mm X 10.00 mm

B07 PROD.- IDENT	B08 MASS kg	B09 CAST NR.	C01 32 1L P 32 1L P	C02 Temp °C	C03 R _{eH} MPa	C04 R _{eL} MPa	C05 R _{p0.2} MPa	C06 R _m MPa	C07 A %	C08 A %	C09 R _{yk} /R _m %	C10 r- value	C11 n- value	C12 C01/C10 C02	C13 B05	C14 C40-C03.C45	C15 Temp °C	C16 C42 ind. ind.	C17 C43 ind. ind.	C18 C44 ind. ind.	C19 C45 mean	C20 ASTM E-112	
																							C01 1=Top 2=Middle 3=Bottom
604014	31720	1	P4816	+ 20	449	536	28.5	536	28.5	84				IL P	0	7.5	ISO-V	- 20	2	208	211	200	206
604015	31740	1	"	+ 20	448	536	28.0	536	28.0	85				IL P	0	7.5	ISO-V	- 20	2	223	226	222	224
TOTAL	63460	2																					

CHEMICAL COMPOSITION in %

B17 CAST IDENT	B18 C	B19 Mn	B20 P	B21 S	B22 Si	B23 Al	B24 Cu	B25 Cr	B26 Ni	B27 Mo	B28 Nb	B29 V	B30 N	B31 B	B32 C-eq	B33 AI-ZO	B34 Sn	B35 Ti	B36 C-eq	B37 C09	B38 C08	B39 C07	B40 C06	B41 C05	B42 C04	B43 C03	B44 C02	B45 C01	B46 C01	B47 C02	B48 C03	B49 C04	B50 C05	B51 C06	B52 C07	B53 C08	B54 C09	B55 C10	B56 C11	B57 C12	B58 C13	B59 C14	B60 C15	B61 C16	B62 C17	B63 C18	B64 C19	B65 C20	B66 C21	B67 C22	B68 C23	B69 C24	B70 C25	B71 C26	B72 C27	B73 C28	B74 C29	B75 C30	B76 C31	B77 C32	B78 C33	B79 C34	B80 C35	B81 C36	B82 C37	B83 C38	B84 C39	B85 C40	B86 C41	B87 C42	B88 C43	B89 C44	B90 C45	B91 C46	B92 C47	B93 C48	B94 C49	B95 C50	B96 C51	B97 C52	B98 C53	B99 C54	B100 C55	B101 C56	B102 C57	B103 C58	B104 C59	B105 C60	B106 C61	B107 C62	B108 C63	B109 C64	B110 C65	B111 C66	B112 C67	B113 C68	B114 C69	B115 C70	B116 C71	B117 C72	B118 C73	B119 C74	B120 C75	B121 C76	B122 C77	B123 C78	B124 C79	B125 C80	B126 C81	B127 C82	B128 C83	B129 C84	B130 C85	B131 C86	B132 C87	B133 C88	B134 C89	B135 C90	B136 C91	B137 C92	B138 C93	B139 C94	B140 C95	B141 C96	B142 C97	B143 C98	B144 C99	B145 C100	B146 C101	B147 C102	B148 C103	B149 C104	B150 C105	B151 C106	B152 C107	B153 C108	B154 C109	B155 C110	B156 C111	B157 C112	B158 C113	B159 C114	B160 C115	B161 C116	B162 C117	B163 C118	B164 C119	B165 C120	B166 C121	B167 C122	B168 C123	B169 C124	B170 C125	B171 C126	B172 C127	B173 C128	B174 C129	B175 C130	B176 C131	B177 C132	B178 C133	B179 C134	B180 C135	B181 C136	B182 C137	B183 C138	B184 C139	B185 C140	B186 C141	B187 C142	B188 C143	B189 C144	B190 C145	B191 C146	B192 C147	B193 C148	B194 C149	B195 C150	B196 C151	B197 C152	B198 C153	B199 C154	B200 C155	B201 C156	B202 C157	B203 C158	B204 C159	B205 C160	B206 C161	B207 C162	B208 C163	B209 C164	B210 C165	B211 C166	B212 C167	B213 C168	B214 C169	B215 C170	B216 C171	B217 C172	B218 C173	B219 C174	B220 C175	B221 C176	B222 C177	B223 C178	B224 C179	B225 C180	B226 C181	B227 C182	B228 C183	B229 C184	B230 C185	B231 C186	B232 C187	B233 C188	B234 C189	B235 C190	B236 C191	B237 C192	B238 C193	B239 C194	B240 C195	B241 C196	B242 C197	B243 C198	B244 C199	B245 C200	B246 C201	B247 C202	B248 C203	B249 C204	B250 C205	B251 C206	B252 C207	B253 C208	B254 C209	B255 C210	B256 C211	B257 C212	B258 C213	B259 C214	B260 C215	B261 C216	B262 C217	B263 C218	B264 C219	B265 C220	B266 C221	B267 C222	B268 C223	B269 C224	B270 C225	B271 C226	B272 C227	B273 C228	B274 C229	B275 C230	B276 C231	B277 C232	B278 C233	B279 C234	B280 C235	B281 C236	B282 C237	B283 C238	B284 C239	B285 C240	B286 C241	B287 C242	B288 C243	B289 C244	B290 C245	B291 C246	B292 C247	B293 C248	B294 C249	B295 C250	B296 C251	B297 C252	B298 C253	B299 C254	B300 C255	B301 C256	B302 C257	B303 C258	B304 C259	B305 C260	B306 C261	B307 C262	B308 C263	B309 C264	B310 C265	B311 C266	B312 C267	B313 C268	B314 C269	B315 C270	B316 C271	B317 C272	B318 C273	B319 C274	B320 C275	B321 C276	B322 C277	B323 C278	B324 C279	B325 C280	B326 C281	B327 C282	B328 C283	B329 C284	B330 C285	B331 C286	B332 C287	B333 C288	B334 C289	B335 C290	B336 C291	B337 C292	B338 C293	B339 C294	B340 C295	B341 C296	B342 C297	B343 C298	B344 C299	B345 C300	B346 C301	B347 C302	B348 C303	B349 C304	B350 C305	B351 C306	B352 C307	B353 C308	B354 C309	B355 C310	B356 C311	B357 C312	B358 C313	B359 C314	B360 C315	B361 C316	B362 C317	B363 C318	B364 C319	B365 C320	B366 C321	B367 C322	B368 C323	B369 C324	B370 C325	B371 C326	B372 C327	B373 C328	B374 C329	B375 C330	B376 C331	B377 C332	B378 C333	B379 C334	B380 C335	B381 C336	B382 C337	B383 C338	B384 C339	B385 C340	B386 C341	B387 C342	B388 C343	B389 C344	B390 C345	B391 C346	B392 C347	B393 C348	B394 C349	B395 C350	B396 C351	B397 C352	B398 C353	B399 C354	B400 C355	B401 C356	B402 C357	B403 C358	B404 C359	B405 C360	B406 C361	B407 C362	B408 C363	B409 C364	B410 C365	B411 C366	B412 C367	B413 C368	B414 C369	B415 C370	B416 C371	B417 C372	B418 C373	B419 C374	B420 C375	B421 C376	B422 C377	B423 C378	B424 C379	B425 C380	B426 C381	B427 C382	B428 C383	B429 C384	B430 C385	B431 C386	B432 C387	B433 C388	B434 C389	B435 C390	B436 C391	B437 C392	B438 C393	B439 C394	B440 C395	B441 C396	B442 C397	B443 C398	B444 C399	B445 C400	B446 C401	B447 C402	B448 C403	B449 C404	B450 C405	B451 C406	B452 C407	B453 C408	B454 C409	B455 C410	B456 C411	B457 C412	B458 C413	B459 C414	B460 C415	B461 C416	B462 C417	B463 C418	B464 C419	B465 C420	B466 C421	B467 C422	B468 C423	B469 C424	B470 C425	B471 C426	B472 C427	B473 C428	B474 C429	B475 C430	B476 C431	B477 C432	B478 C433	B479 C434	B480 C435	B481 C436	B482 C437	B483 C438	B484 C439	B485 C440	B486 C441	B487 C442	B488 C443	B489 C444	B490 C445	B491 C446	B492 C447	B493 C448	B494 C449	B495 C450	B496 C451	B497 C452	B498 C453	B499 C454	B500 C455	B501 C456	B502 C457	B503 C458	B504 C459	B505 C460	B506 C461	B507 C462	B508 C463	B509 C464	B510 C465	B511 C466	B512 C467	B513 C468	B514 C469	B515 C470	B516 C471	B517 C472	B518 C473	B519 C474	B520 C475	B521 C476	B522 C477	B523 C478	B524 C479	B525 C480	B526 C481	B527 C482	B528 C483	B529 C484	B530 C485	B531 C486	B532 C487	B533 C488	B534 C489	B535 C490	B536 C491	B537 C492	B538 C493	B539 C494	B540 C495	B541 C496	B542 C497	B543 C498	B544 C499	B545 C500	B546 C501	B547 C502	B548 C503	B549 C504	B550 C505	B551 C506	B552 C507	B553 C508	B554 C509	B555 C510	B556 C511	B557 C512	B558 C513	B559 C514	B560
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