



DONGGUAN OTAI SPECIAL STEEL LIMITED

TEL:86-0769-23190193 FAX:86-0769-88705839

MATERIAL TEST CERTIFICATE

Steel Grade	Export No.:	Heat Treatment Lot	Specification	Condition of delivery	Sheet No.	Contract No.
DIN 1.2085 FLAT BAR	/	/	/	Forged,+QT 280-325HB,Milling surface	CDGZDGT2023020502	-

No.	Heat No.	Size MM * MM	Bundle	Piece	Net weight Ton	Chemical Composition																	
						C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Mo (%)	Ti (%)	Cu (%)	V (%)	Al (%)	W (%)	B (%)	-	-	-	-
1	1588-5T-852	100x810x3500mm	/	1	12.244	0.296	0.463	0.395	0.024	0.089	15.197	0.832	-	-	-	-	-	-	-	-	-	-	-
2	1588-5T-852	110x810x3450mm	/	1	22.440	0.296	0.463	0.395	0.024	0.089	15.197	0.832	-	-	-	-	-	-	-	-	-	-	-
3	1588-5T-852	110x810x3340mm	/	1	12.362	0.296	0.463	0.395	0.024	0.089	15.197	0.832	-	-	-	-	-	-	-	-	-	-	-
4	1588-5T-852	110x810x3500mm	/	1	22.232	0.296	0.463	0.395	0.024	0.089	15.197	0.832	-	-	-	-	-	-	-	-	-	-	-
5	1588-5T-852	120x810x2600mm	/	1	21.984	0.296	0.463	0.395	0.024	0.089	15.197	0.832	-	-	-	-	-	-	-	-	-	-	-
6	1588-5T-852	120x810x2520mm	/	1	11.936	0.296	0.463	0.395	0.024	0.089	15.197	0.832	-	-	-	-	-	-	-	-	-	-	-
7	1588-5T-852	160x810x3130mm	/	1	23.178	0.296	0.463	0.395	0.024	0.089	15.197	0.832	-	-	-	-	-	-	-	-	-	-	-
8													-	-	-	-	-	-	-	-	-	-	-
9													-	-	-	-	-	-	-	-	-	-	-
				7	126.376																		

No.	Forging Test	Scatter-ed porosit Grade	Center Unsound- ness Grade	Ingotsshape Segregation Grade	Center Segregation Grade	Ultrasonic Inspection	非金属夹杂物 /Nonmetallic Inclusions								DS	Decarb	Grain Size Grade	Tensile Strength Rm (N/mm2)	Yield Strength Rel (N/mm2)	Elongati on A (%)	Reductio n of Area Z (%)	Impact Energy J (%)	Hardness (HB)
							A		B		C		D										
							T	H	T	H	T	H	T	H									
1	Qualified	1.0	0.5	0.0	0.5	Qualified	0.5	1.0	0.5	1.0	0.5	0.0	0.0	1.0	-	-	-	-	-	-	-	-	≤225
2	Qualified	1.0	0.5	0.0	0.5	Qualified	0.5	1.0	0.5	1.0	0.5	0.0	0.0	1.0	-	-	-	-	-	-	-	-	≤225
3	Qualified	1.0	0.5	0.0	0.5	Qualified	0.5	1.0	0.5	1.0	0.5	0.0	0.0	1.0	-	-	-	-	-	-	-	-	≤225
4	Qualified	1.0	0.5	0.0	0.5	Qualified	0.5	1.0	0.5	1.0	0.5	0.0	0.0	1.0	-	-	-	-	-	-	-	-	≤225
5	Qualified	1.0	0.5	0.0	0.5	Qualified	0.5	1.0	0.5	1.0	0.5	0.0	0.0	1.0	-	-	-	-	-	-	-	-	≤225
6	Qualified	1.0	0.5	0.0	0.5	Qualified	0.5	1.0	0.5	1.0	0.5	0.0	0.0	1.0	-	-	-	-	-	-	-	-	≤225
7	Qualified	1.0	0.5	0.0	0.5	Qualified	0.5	1.0	0.5	1.0	0.5	0.0	0.0	1.0	-	-	-	-	-	-	-	-	≤225
8																							
9																							

Description of goods:Tooling Steel Round Bar 1.2379	签发单位 (盖章) 日期: 2023-2-5
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We hereby certify that material described herein has manufactured and tested with satisfactory results in accordance with the requirements of the above material SPEC.

ADD:1F, BUILDING B, SANFANG INDUSTRIAL AREA, XIANSHA, GAOBU TOWN, DONGGUAN CITY, GUANGDONG PROVINCE, P.R. CHINA Quality Control Dept Tel: 769-88705839 FAX: 769-88705839 Inspector: