

Order No.: YH200506-1/5	Date of test:	Certificate No.:
Invoice No.: YH200506-1/5	11-Jun-20	
Consignee ref.	Date of production: June, 2020	
FLEXOVIT HUNGARIA KFT.		
Brand mark SG2 0.8mm 1.0mm 1.2mm	REQUIREMENTS Conform to AS/NZS 2717.1:1996 AWS A5.18 : ER70S-6 DIN 8559 : SG2 EN ISO14341-A-G 42 4C1/M21 3Si1 Approved by: DB,TÜV, under gas C1, M2, M3 DIN EN439 Approved by: ABS, LR, CCS, under gas CO2 Certified by CWB to CSA standard W48 Welding Position: PA, PB, PC, PD, PE, PF DIN EN ISO6947	
Product Copper Coated Mild Steel Solid Wire For Gas Shielded Welding		
DATE OF LOADING 11-Jun-20		

Test of mechanical property

Lot Number	Diameter	Unit Weight	Test temperature	Tensile test						Impact test	
				Yield strength	Tensile strengthRm	Elonga	S	1	2	GAS	
	mm		°C	Mpa	Mpa	%	mm ²	J	J/cm ²		
830110	0.6	5kg/spool	-40	438	537	28		94	≥47	C1	
830191	0.8	5kg 15kg/spool	-40	435	536	28		94	≥47	C1	
830369	1.0	5kg 15kg/spool	-40	440	530	27		92	≥47		
530763	1.2	15kg/spool	-40	438	534	27		95	≥47		
830110	0.6	5kg/spool	-40	448	563	28		102	≥47	M21	
830191	0.8	5kg 15kg/spool	-40	450	563	29		102	≥47	M21	
830369	1.0	5kg 15kg/spool	-40	453	560	27		99	≥47		
530763	1.2	15kg/spool	-40	448	558	27		98	≥47		

Chemical property

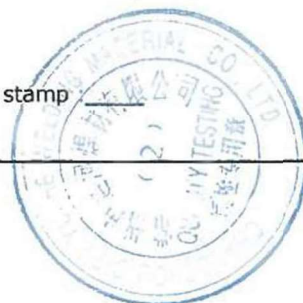
Lot Number	C	Si	Mn	P	S	Cr	Ni	Cu	Mo	V	AL	Ti+Zi
830110	0.080	0.920	1.540	0.010	0.012	0.046	0.032	0.210	0.010	0.001	0.007	0.006
830191	0.090	0.920	1.530	0.010	0.014	0.046	0.032	0.210	0.010	0.001	0.007	0.006
830369	0.080	0.840	1.550	0.013	0.010	0.060	0.040	0.200	0.036	0.001	0.007	0.006
530763	0.090	0.910	1.520	0.011	0.012	0.026	0.050	0.220	0.025	0.001	0.007	0.006

REMARKS:

We hereby certify that welding material described above has been tested and complied with the requirements of contact and the standards.

Verifier name: Yajun Zhao

Quality stamp



0036
06
0036 - CPR - S 008
Dop: YH 50-6 2013-07