

ANNEX 1 : TECHNICAL SPECIFICATION

SG2 - Chemical analysis

%	C	Si	Mn	S	P	Cr	Mo	Ni	Cu	V	Al	Sn	Pb	Zr+Ti	B	Ca	N	O
Min	0,07	0,80	1,400															
Aiming	0,07	0,85	1,450															
Max	0,09	0,90	1,550	0,020	0,020	0,10	0,03	0,10	0,08	0,02	0,02	0,01	0,01	0,10	0,001	0,001	0,010	0,01

<--- aimed as low as possible ---> <--- aimed as low as possible ---> <--- aimed as low as possible --->

SG2 - Mechanical characteristics

Tensile	Max	550	N/mm ²	Aiming 530 max
Reduction Area	Min	80	%	Aiming 81% mini
Yield	to be declared		N/mm ²	
Elongation	to be declared		% on to Lo = 100 mm	

SG2 - Dimensional characteristics

Diameter	5,5	mm	Tolerance + / -	0,20	mm	
		Ovality	Tolerance	Max	0,30	mm
Surface	defects depth	any	Max	0,10	mm	
on to the same cross section	cumulative	Max	0,25	mm		

SG2 - Oxide Scale

Min	0,4	%
Max	0,7	%
Suitable for Mechanical descaling		