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204732

Test Report 2.2

as per : EN 10204
 No. : 2019-2012203190-20-2145325-003
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PO no.	PO33593	of	12.04.2019
Order no.	1012174954		
Delivery note/pos./splitt	2012203190/000000/000020	of	12.04.2019
Product	covered electrode		204751
Trade name	PHOENIX BLAU		18165
Standard designation	EN ISO 2560-A: E 42 0 RC 1 1 AWS A-5.1 E6013		2US3012E 0120
Dimension	3,2 x 350 mm		
Serial no.	2145325		
Quantity	520,0 KG		

Chemical composition in % of the weld metal

C	Si	Mn	P	S	Cr	Mo	Ni	V	Cu	Nb				
0,07	0,4	0,4	0,010	0,008	< 0,1	< 0,1	< 0,1	0,02	< 0,1	< 0,01				

Mechanical properties

Tensile test							
T	ReL / Rp 0,2 MPa	Rp 1,0 MPa	Rm MPa	A (Lo = 5d) %	Z %	WBH PWHT	Remarks
20°C	≥ 420		500 - 640	≥ 20			
Impact test							
T	Impact energy KV / J	Average KV / J	Lateral expansion mm	Shear fracture %	WBH PWHT	Remarks	
0°C	≥ 47						

Town
Oldbury

Date
15.04.2019

This certificate was issued by DP-equipment and does not require signature.

Authorized representative
Stuart Thomas