

EN 10204

CHEMICAL 2.2 3.1
MECHANICAL

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Purchaser	SPECIALISED WELDING PRODUCTS LTD UNITED KINGDOM		
Order Nr			
Product Group	Covered electrode - hardfacing		
Brand Name	GEKA ELHARD 600S (SUPER6 HARDFACING 600S) /4 KG PLASTIC BOX		
Standard	TS EN 14700:06 -		
Classification	E Fe 8 -		
Size	3,20 mm		
Quantity	40,5 Kg		
Serial Nr	11-3066		
Charge Nr	066		

Chemical Composition of Weld Metal (%)																	
Charge Nr	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	V	Al	Fe	Nb	W	-	-	-
AWS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TS/EN/ISO	0,2-2,0	-	0,3-3,0	-	-	8,0-18,0	-	≤4,5	-	≤2,0	-	Rest/Kalan	≤10,0	≤2,0	-	-	-
066	0,508	1,638	0,649	0,010	0,002	9,933	0,458	0,005	0,078	0,020	0,001	Rest/Kalan	0,000	0,000	-	-	-

Mechanical Properties										
Tensile Test					Impact Test					
- EN 10002-1					- EN 10045-1					
Specimen preparation					Specimen preparation					
- EN 876					- EN 875 VWT 0/b					
	Test Temperature	R _p Yield Strength	R _m Tensile Strength	A Elong.	Test Temperature	KV Impact Strength	KV Average	Hardness	Radiographic test	Comment
	°C	N / mm ²	N / mm ²	%L ₀ =5d ₀	°C	J	J	HRC	-	
AWS	20	-	-	-	-	-	-	-	-	
TS/EN/ISO	20	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	54 - 58	-	

Comment



Quality Department

F186/00