

SK 797-O

DIN 8555 : MF 7-GF-200-KP

DESCRIPTION

1

Austenitic alloy without Chromium designed for rebuilding 14 % Manganese steel parts where parent metal matching colour is a must.

SUITABLE FOR

2

Patching of Hadfield steel castings, Crusher cylinders, crusher hammers, impactor bars.

TYPICAL CHEMICAL ANALYSIS (WEIGHT %)

3

	C	Mn	Si	Ni	Mo	Fe
All Weld	0.75	13.7	0.3	2.00	0.5	Bal.

TYPICAL MECHANICAL PROPERTIES

4

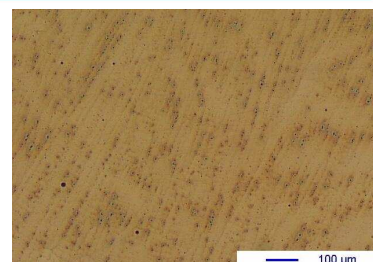
Hardness as welded

185 HB

GENERAL CHARACTERISTICS

5

- | | |
|-------------------------|---|
| ▪ Microstructure | Austenite |
| ▪ Machinability | Good with metallic carbide tipped tools |
| ▪ Oxy-acetylene cutting | Cannot be flame cut |
| ▪ Deposit thickness | Depends upon application and procedure used |
| ▪ Flux cored | |



The information about the products contained in the data sheets are based on intensive tests and careful investigations. However we can't assume any form of liability concerning the exactness of it. The information may be changed or updated without previous notice. The user is invited to test the product with regard to his own application and responsibility.

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WELDING PARAMETERS & ECONOMICAL DATA

6

Diameter [mm]	Current [A]	Voltage [V]	Stick- Out	Article code	Packaging	Availability
1,2	120-180	24-30	35-40	46816	Spool 15 Kg	On request with minimal quantity
1,6	180-200	26-30	35-40	29303	Spool 15 Kg	On request
2,4	250-300	26-30	35-40	29304	Spool 15 Kg	On request with minimal quantity
2,8	300-350	26-30	35-40	NA	Spool 15 Kg	On request with minimal quantity

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