

CORODUR® 79

DIN EN 14700 T Fe 16-70-GZ

C-Cr-V-Nb-B- alloyed flux cored wire electrode for extreme mineral wear. The weld deposit has a high scratch hardness. Applications are sinter plants, lignite mining machines, gravel industry, chains, etc.

It should be pre-heated and held at a temperature of 450 °C. The cooling rate should be slow and preferably in a furnace. Welded with 2-3 layers (max. 10 mm).

ABRASION RESISTANT
APPLICATIONS



Mining and clinker industry, concrete pumps.

TYPICAL ALL WELD METAL ANALYSIS (%)

Base = Fe

C	Si	Cr	Nb	V	B
4,8-5,2	0,9-1,2	19,0-22,0	6,5-7,3	2,4-2,7	1,0-1,5

Hardness HRc

64-68

PARAMETER

FORMS OF DELIVERY

Diameter	Voltage	Amps
1,2	18-24	140-220
1,6	20-26	160-260
2,0	22-26	240-280
2,4	24-27	280-340
2,8	25-28	320-400

Unit	Weight
Coil B5 300	15 kg
Coil B 450	25 kg
Drums	300 kg

OA = Open Arc

Diam.	15kg spool
1.2mm	COR79A012
1.6mm	COR79A016

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