

Supershield CrC

Features

- Open arc type hardfacing FCAW
- Cr-Carbide type

Polarity

DC +

Application Areas

- Cement rolls, wear plates, bucket teeth

Shielding Gas

None

Typical Chemical Composition of All-Weld Metal (wt%)

Wire size	C	Si	Mn	Cr
1.2(0.045)	4.1	0.5	1.1	22.0
1.6(1/16)	4.3	0.5	1.2	25.0
2.4(3/32)	4.5	0.5	1.4	28.0
2.8(7/64)	4.5	0.5	1.4	28.0

Typical Mechanical Properties of All-Weld Metal

Item	HRC (≥4Layers)
1.2(0.045)	54~58
1.6(1/16)	54~58
2.4(3/32)	58~62
2.8(7/64)	58~62

Diameter / Welding Parameters / Packaging

Wire Diameter mm(in)	Current (A)
1.2(0.045)	200~300
1.6(1/16)	250~350
2.4(3/32)	300~400
2.8(7/64)	350~450

Diameter / Welding Parameters / Packaging

Wire Diameter mm(in)	Packaging
1.2(0.045)	Spool 15kg (33lbs) Coil 25kg(55lbs), Drum 150kg, 250kg
1.6(1/16)	
2.4(3/32)	
2.8(7/64)	

SMW

GMW

GTW

FCAW

Metal-cored Wire

SAW Wire

SAW Flux