

# PRODUCT DATA SHEET

## Afrox CR70

Afrox CR70 deposits a tough eutectic of austenite and metal carbide that can withstand impact at medium loads under abrasive conditions. The weld metal has a hardness of approximately 550 HV (52 HRc), which it can retain up to 400°C.

### Applications

The hardness and resistance to impact make the electrode suitable for use in a large variety of applications, which include sugar mill roll roughening, excavator bucket lips and teeth, dragline buckets, conveyor screws, rock chutes, etc.

### Classifications

DIN	8555	E10-UM-55-GPR
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### Typical Chemical Analysis (All weld metal)

% Carbon	3,0 - 4,0	% Silicon	1,0 max
% Manganese	0,5 - 2,0	% Chromium	27,0 min

### Typical Hardness

HRc	49 - 59
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### Packing Data

(AC DC+ 70 OCV min)

Diameter (mm)	Electrode Length (mm)	Current (A)	Pack Mass (kg)	Item Number
4,0	450	140 - 180	5,0	W075644
5,0	450	170 - 210	5,0	W075645

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