

## PRODUCT INFORMATION

### WELDABILITY 600

DIN 8555 E 2 UM 60 GP

### DESCRIPTION

Weldability 600 is a basic-coated, hydrogen-controlled electrode rod for hard-facing and abrasion-resistance of wearing parts. This electrode is corrosion-resistant, provides extra-hard deposits (54-58 HRC) and can be applied in several layers without cracking. It provides good wetting of the weld metal, very good weld quality, a good-looking weld bead and limited spattering.

### WELDING POSITIONS



Commonly used on rolling mill rollers, tracks, feeders, crushing jaws, ploughshares, excavator shovels, buckets, digger teeth and surfaces exposed to abrasion.

### TYPICAL WELD METAL COMPOSITION

Cr	2.80 %
Mn	1.90 %
C	0.40 %
Mo	0.05 %
Si	0.05 %

### TYPICAL MECHANICAL PROPERTIES

Hardness	55-58 HRC
Re-Drying	300 °C for 2 hours

### MATERIAL TO BE WELDED

Suitable for ferrous metal surfaces requiring high abrasion resistance, together with impact and heat resistance, and some corrosion resistance. Suitable for use in DC(+), and performs well in all positions.

### AVAILABLE FORMATS

350mm ELECTRODES			
Dia	5.0kg	Approx Pcs /Packet	
3.25mm	TX6003250	140	
4.0mm	TX6004050	80	
5.0mm	TX6005050	50	

Process	MMA / SMAW
Polarity	DCEP

#### Current Range

3.2mm	110-140 A
4.0mm	140-180 A
5.0mm	170-280 A

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email [service@wholeweld.co.uk](mailto:service@wholeweld.co.uk)



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