

Dur 62 S

CATEGORY SMAW Stick Electrodes

TYPE High recovery Chromium carbide based hardfacing electrode.

APPLICATIONS Extreme abrasion resistant hardfacing alloy offering excellent wear resistance with medium impact. To be used for applications where release cracks are needed for good bonding.

PROPERTIES Outstanding alloy against high abrasion when subjected to grinding and medium impact levels. Very good weld deposit appearance and outstanding welding properties on both AC and DC+ with a recovery of 200% for excellent deposit performance. (Preheating is not required)
Equivalent in FCAW: [OA 59](#), [OA 60 Mo](#), [OA 61](#), [OA 62](#)

CLASSIFICATION

AWS	A 5.13: E FeCr-A1
EN ISO	14700: EZ Fe14
DIN	8555: E 10-UM-65-Z

SUITABLE FOR Slag crushers, Mixer blades, Digger teeth, Guides, Coal mining, buckets, pumps, screws, loaders, sand winning, cement industry, wear plates, loaders etc.

APPROVALS CE approved

WELDING POSITIONS:



WELD METAL ANALYSIS %

C	Cr	Other	Fe
4-5	30-34	3	rem

ALL WELD METAL PROPERTIES

Heat Treatment	R _{p0,2} (N/mm ²)	R _m (N/mm ²)	A5 (%)	Hardness HRc
AW				60-63

AW: as welded

WELDING PARAMETERS / PACKING

Welding Parameters			Packing	
D (mm)	Length (mm)	Current (A)	kg / can	kg / 6pack
2.5	350	70-110	2.6	15.6
3.2	350	100-160	2.5	15
4.0	350	160-220	2.5	15

REDRYING TEMPERATURE not required