OVERCORD R 92

TOP FEATURES

- Excellent weldability, fusion and good bead aspect on vertical-up, vertical-down and overhead positions.
- Used with all types of welding equipment even with low OCV
- Efficiency 100%.

CLASSIFICATION

AWS A5.1	E6013
EN ISO 2560-A	E 35 0 RC 11

CURRENT TYPE

AC, DC-

WELDING POSITIONS

All positions

APPROVALS

BV
+

CHEMICAL COMPOSITION (WEIGHT %), TYPICAL, ALL WELD METAL

C	Mn	Si	P	S
0.07	0.55	0.4	≤0.03	≤0.03

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Condition*	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	Impact ISO-V (J) 0°C
AWS A5.1	AW	≥330	≥430	≥17	not specified
EN ISO 2560-A	AW	≥355	440-570	≥22	≥47
Typical values	AW	470	550	25	51

* AW = As welded

OUTPUT RANGE

Diameter x Length (mm)	Current range (A)
1.6 x 300	35-50
2.5 x 350	70-90
3.2 x 350	90-125
4.0 x 350	135-185

PACKAGING AND AVAILABLE SIZES

Diameter x Length (mm)	Packaging	Electrodes/pack	Net weight/pack (kg)	Item number
1.6 x 300	CBOH	240	1.6	W000384785
2.5 x 350	CBOX	240	4.4	W000258232
3.2 x 350	CBOX	170	4.9	W000258233
4.0 x 350	CBOX	115	4.9	W000258235

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TEST RESULTS

Test results for mechanical properties, deposit or electrode composition and diffusible hydrogen levels were obtained from a weld produced and tested according to prescribed standards, and should not be assumed to be the expected results in a particular application or weldment. Actual results will vary depending on many factors, including, but not limited to, weld procedure, plate chemistry and temperature, weldment design and fabrication methods. Users are cautioned to confirm by qualification testing, or other appropriate means, the suitability of any welding consumable and procedure before use in the intended application

Safety Data Sheets (SDS) are available here:

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