

MMA Electrodes C-Mn and low-alloy steels

OVERCORD R10 is a rutile coated MMA electrode for welding in all positions. Used for a wide variety of applications.. Efficiency 100%.

Classification	
EN ISO	2560-A: E 38 0 RC 1 1
EN	499: E 38 0 RC 1 1
AWS	A5.1: E 6013

Approvals	Grade
ABS	2
BV	2
DNV	2
LRS	2



Chemical analysis (Typical values in %)

C	Mn	Si	P	S
0.07	0.5	0.4	≤0.03	≤ 0.03

All-weld metal Mechanical Properties

Heat Treatment	Yield Strength (MPa)	Tensile Strength (MPa)	Elongation A5 (%)	Impact Energy ISO - V (J)
				-20 °C
As Welded	≥ 380	480-550	≥ 24	≥ 28

Materials

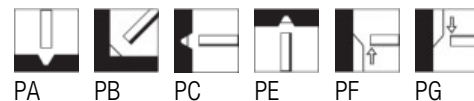
S(P)235 to S(P)355; GP240; GP280

Storage

Keep dry and avoid condensation. Re-drying not generally required. If necessary: 100-110 °C for 1 hour.

Current condition and welding position

DC-



Packaging data

Diam. (mm)	Length (mm)	Current (A)	Approx. weight (kg/1000)	CBOX	
				PC	Code
2.0	350	45-65	13.0	310	●
2.5	350	65-90	18.4	230	●
3.2	350	90-125	27.6	165	●
3.2	450	90-125	36.6	165	●
4.0	350	120-175	43.8	110	●
4.0	450	120-175	56.8	110	●
5.0	450	160-230	87.4	70	●