OVERCORD Z



MMA Electrodes C-Mn and low-alloy steels

Rutile-cellulosic general-purpose electrode for structural steelwork, workshop and maintenance welding. Excellent operating characteristics for all positional welding, including vertically-down. Smooth arc, well-suited for tack-welding and good for the bridging of gaps in poor fit up.. Welds are smooth and slightly concave, blending into the base metal without undercut. The slag is in most cases self-releasing.

Classification					
AWS	A5.1: E6013				
EN	499: E 38 0 RC 11				
EN ISO	2560-A: E 38 0 RC 11				

Approvals	Grades
DB	
TÜV	

see Appendix, Classification Society Approvals, for details pag. 521

Analysis of all-weld metal (Typical values in %)

С	Mn	Si	Р	S	Cr	Ni	Mo	Nb	V	N	Cu
0.08	0.50	0.30	-	-	-	-	-	-	-	-	-

All-weld metal Mechanical Properties

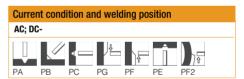
Heat Treatment	Yield Strength N/mm²	Tensile Strength N/mm²	Elongation A5 (%)	Impact Energy ISO - V (J) + 20 °C	Hardness
As Welded	≥ 380	470-600	≥ 22	≥ 60	-

Materials

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

Storage and redrying

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



Packaging data

Diameter (mm)	Length (mm)	Current (A)	Electrode average weight (g)	Weld metal weight per electrode (g)	
2,0	250	50-60	8,0	5,0	
2,5	350	55-85	17,5	10,3	
3,2	350	90-140	29,5	17,7	
4,0	350	130-180	44,6	27,3	