

SDX 2209

Specification: PS986	Reason for issue: New Product Data Sheet.
Revision: 0	Issued by: Lars Andersson, Peter Jeirud.
Type no: 986	Page: 1 / 1

Characteristics

- Duplex stainless steel solid wire electrode for submerged arc welding
- For welding of duplex 2205 and similar steel grades
- The high content of both chromium and molybdenum provides very good resistance to general and pitting corrosion
- High nickel content to give the right ferrite balance in the weld metal
- Suitable for joining duplex to mild or low alloy steels, as well as dissimilar joints between stainless and mild or low alloy steels under conditions of high restraint and/or high dilution
- Recommended flux: Hobart SWX 220

Classification

EN ISO / AWS

EN ISO 14343: S 22 9 3 N L

AWS A5.9: ER2209

Chemical composition - typical values

%C	%Si	% Mn	%P	%S	%Cr	%Ni	%Mo	%N
0.01	0.48	1.50	0.016	0.010	22.9	8.3	3.2	0.15