

Specifications:

AWS A5.4
 AWS E2209-16
 ASME SFA 5.4
 UNS W39209

Properties:

Yield Strength: 100,000 psi min.
Elongation: 20% min.

Description:

WT Alloys ER2209 is utilized for joining 22.5% Cr/ .15% Ni duplex stainless steel electrode. WT 2209-16 has a duplex microstructure that consists of an austenitic-ferrite matrix. It has a higher tensile strength and has an increased pitting resistance and cracking.

Available in multiple sizes and diameters.

Chemical Composition (Wt%):

Si	Mn	Cu	Mo	S	Ni	Cr	P	C	N
1.0	0.5-2.0	0.75	2.5-3.5	0.03	8.5-10.5	21.5-23.5	0.05	0.04	0.08-0.20

Note: Single values are maximum unless otherwise noted.

Maintaining a proper welding procedure, including pre-heat and interpass temperatures, may be critical depending on the type and thickness of material being welded.

CAUTION: Consumers should be thoroughly familiar with the safety precautions on the warning label posted in each shipment and in the American National Standards A49.1, "Safety in Welding and Cutting," published by the American Welding Society, 8669 NW 36 Street, #130, Miami, FL 33126: OSHA Safety and Health Standards 29 CFR 1910 is available from the U.S. Department of Labor, Washington, D.C. 20210.