

**TECHNIWELD**  
ROBINSON TECHNICAL SOUTHEAST, INC.  
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TOLL FREE 800-445-2152  
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C E R T I F I C A T I O N

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SPECIFICATION - AWS: 5.28/ASME SFA 5.28      CLASSIFICATION: ER80S-D2      ACTUAL

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SIZE: .045 X 33 LB SPOOL

HEAT NO: 08010112

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C H E M I C A L   A N A L Y S I S

CARBON	0.090
COPPER	0.1700
MANGANESE	1.8900
MOLYBDENUM	0.4700
NICKEL	0.0100
PHOSPHORUS	0.0140
SILICON	0.6700
SULFUR	0.0080
T/S N/mm2	666.5
Y/S N/mm2	551.7
EL %	27.7
N.D.E.	GOOD
I.V(J) at -29c	65.6

SINGLE VALUES ARE MAXIMUM UNLESS OTHERWISE NOTED.  
WE CERTIFY THAT THESE CHEMICAL TEST RESULTS ARE CORRECT AND  
CONFORM TO THE ABOVE AWS SPECIFICATIONS, AS CONTAINED IN THE  
RECORDS OF THE COMPANY.

CERTIFIED BY: BARRY L. JOHNSON