



Steel Dynamics®
Flat Roll Group

Steel Dynamics Southwest, LLC
8534 Hwy 89
Sinton, TX 78387 United States
Telephone (361) 424-6200

Metallurgical Certification

Cert # 106628 - Cert/Ship Date : 04/06/2023 09:31



Contact			
Length	853 ft	Width	48.0000 in
Weight (A)	43,069 lb	Gauge	0.3025 in Min
		Chem Treat	Oiled
			No

Coil #	23B166372	Coil Alias	
Order #	104456	Heat #	B2311960
Line Item #	15	PO #	25.707 - 15
Part #			
Alt Part #			
Material Spec.	SA36/A36 conversion to		
Product Desc.	Prime Hot Rolled Band		
Cert Comment	Conversion to - meets chemistry requirements additional testing required		
Surface Treatment			

Ladle Chemical Analysis (%)

C	Mn	P	S	Si	Al	Cu	Ni	Cr	Mo	Sn	N	V	Nb	Ti	B	Ca	Pb	Zr
0.20	0.42	0.007	0.003	0.03	0.027	0.09	0.03	0.04	0.01	0.004	0.011	0.005	0.002	0.001	0.0000	0.003	0.000	

Mechanical Properties (if applicable)

Sample 1	English	Metric
Sample Location	Tail	
Tensile Direction	Transverse	
Testing Standard	ASTM E	
Cert Mode	Heat	
Yield Strength	54.5 KSI	375.8 MPa
Tensile Strength	75.2 KSI	518.5 MPa
Total Elongation	27 %	

Dmitry Tsvetkov
Dmitry Tsvetkov
Metallurgist

Shipped from Sinton, TX, USA
Melted, thin slab cast and rolled by proud Americans in Sinton, TX, USA.
SDI does not weld or repair Prime Hot Rolled Band products.
All tests were performed according to applicable standards and are correct as contained in the records of the company.

P.O. # P0241886-15
5716" 48x96
HEAT # 8231960