

MILL TEST CERTIFICATE
EN 10204:2004 / 3.1

EN 10025-1:2004 Hot Rolled Products of structural steel-
Part 1 General technical delivery conditions



Certificate No.:
No Du Certificat:
Date :
Page :

FEDBAQ 22-0966

24.10.2022

ORIGINAL

FEDBAQ 22-0966

Purchaser :
Commentant:

FEDIACERO S.A.S.
CALLE 13 NO27-63 INT 5 OF 207 NIT:830.039.826-7
TEL: +5712 37150 3

Description of Goods:
PRIME QUALITY STEEL ROUND BARS & SQUARE BARS & FLAT BARS & EQUAL ANGLES & T-BARS & C - SHAPE CHANNEL & UPN & IPE IN 6,000 METERS LENGTH (-50 MM / +50 MM) IN QUALITY ASTM A36 AND ASTM A529 GR50 ACC TO A6 & FOR UPN AND IPE ACC TO EN 10025

Standard :
ASTM

Tolerance :

Mechanical Properties -
Proprietes Mechaniques
ASTM A370-19e1

Yield Point-Limite àl. N/mm²
Tensile Strength- Rupture (N/mm²)
Elongation/Allong.(%)
(auge Lenght L0 = 2)
Hardness - Dureté
Quantity Shipped / Quantité expédiée (MTON)
No Of Bundles XNo Of Pieces Per Bundles

Material:
Size-Dimension:
Quality / Qualité:
Hot Rolled Stuctural Steel
Heat No :
No Coulée :

C	Si	Mn	P	S	Cr	Ni	Mo	Cu	Ti	Co	N	Sn	Al	V	Cl	B	Ceq
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

CHEMICAL COMPOSITION - COMPOSITION CHIMIQUE - CEV = C + Mn/6 + (Cr + Mo + V)/5 + (Cu + Ni)/15

S	200 MM	ASTM A529 GR50	52102305	0.18	0.19	1.28	0.009	0.013	0.155	0.164	0.028	0.20	0.002	0.012	0.006	0.001	0.002	0.006	0.0002	0.46	
S	10x11 MM	ASTMA36	12/0/11	0.16	0.16	0.65	0.021	0.014	0.115	0.160	0.022	0.24	0.002	0.012	0.008	0.006	0.001	0.003	0.006	0.0001	0.32
S	10X10 MM	ASTMA36	212771	0.16	0.17	0.64	0.024	0.019	0.141	0.060	0.030	0.38	0.002	0.011	0.007	0.016	0.002	0.001	0.006	0.0001	0.33
S	12X12 MM	ASTMA36	212764	0.15	0.17	0.67	0.011	0.018	0.043	0.139	0.025	0.27	0.002	0.013	0.010	0.015	0.002	0.002	0.006	0.0002	0.31
S	12X12 MM	ASTMA36	212765	0.18	0.17	0.60	0.023	0.023	0.078	0.140	0.032	0.30	0.001	0.013	0.007	0.006	0.001	0.001	0.006	0.0002	0.33
S	3/4 X3/4	ASTMA36	17190	0.15	0.24	0.67	0.007	0.017	0.129	0.166	0.011	0.36	0.001	0.012	0.006	0.018	0.002	0.002	0.006	0.0002	0.33
S	3/4 X3/4	ASTMA36	19962330	0.16	0.23	0.65	0.019	0.014	0.112	0.035	0.029	0.27	0.002	0.011	0.009	0.006	0.001	0.003	0.006	0.0002	0.32
S	25X25X3 MM	ASTMA36	2201908	0.18	0.28	0.60	0.009	0.014	0.062	0.089	0.009	0.37	0.001	0.012	0.008	0.011	0.001	0.002	0.006	0.0001	0.32
S	30X30X3 MM	ASTMA36	20830	0.17	0.15	0.64	0.024	0.025	0.032	0.097	0.025	0.30	0.002	0.012	0.008	0.002	0.001	0.003	0.006	0.0001	0.31
S	30X30X3 MM	ASTMA36	212746/21	0.15	0.15	0.68	0.017	0.022	0.089	0.086	0.009	0.21	0.002	0.013	0.007	0.005	0.001	0.002	0.006	0.0002	0.30
S	30X30X3 MM	ASTMA36	29419	0.18	0.25	0.60	0.007	0.021	0.117	0.009	0.019	0.30	0.002	0.012	0.008	0.008	0.002	0.001	0.006	0.0001	0.33
S	30X30X3 MM	ASTMA36	29420	0.16	0.20	0.65	0.023	0.021	0.021	0.081	0.008	0.30	0.002	0.011	0.006	0.007	0.001	0.001	0.006	0.0002	0.30
S	30X30X4.5 MM	ASTMA36	2201903	0.17	0.22	0.63	0.019	0.011	0.030	0.175	0.037	0.31	0.001	0.012	0.008	0.019	0.001	0.002	0.006	0.0001	0.32
S	38X38X3 MM	ASTMA36	4200019	0.17	0.20	0.63	0.013	0.027	0.061	0.060	0.019	0.24	0.001	0.011	0.006	0.009	0.002	0.002	0.006	0.0002	0.31
S	38X38X4.5 MM	ASTMA36	2201835	0.17	0.26	0.63	0.022	0.013	0.181	0.082	0.006	0.30	0.002	0.013	0.010	0.015	0.001	0.003	0.006	0.0001	0.34
S	38X38X4.5 MM	ASTMA36	2201836	0.16	0.28	0.64	0.011	0.016	0.181	0.014	0.037	0.28	0.002	0.012	0.010	0.001	0.002	0.002	0.006	0.0001	0.33
S	38X38X6 MM	ASTMA36	4200055	0.15	0.18	0.68	0.014	0.020	0.090	0.082	0.016	0.36	0.001	0.011	0.008	0.006	0.001	0.002	0.006	0.0002	0.31
Quality have been carried out - tests de verification de la conformite de la nuance				Standard for Surface :						Banding Test : cure				Visual Inspection and Dimensional Check - Examen							

Standard for surface :
EN10163-3:2004, Class C, Subclass 1

Banding Test - dure
D=2s-180°

Visual Inspection and Dimensional Check - Examen
Visuel et Dimensionnel de Surface - OK

The Surveyor's expert Ekin PEK

material surface appearance result is acceptable and satisfactory;

all are in accordance with ASTM

S	50X50X3 MM	ASTM A36	2201847	0.16	0.19	0.65	0.012	0.014	0.133	0.115	0.003	0.32	0.002	0.011	0.009	0.016	0.001	0.002	0.006	0.0001	0.33
S	50X50X4.5 MM	ASTM A36	4200021	0.18	0.22	0.61	0.012	0.029	0.177	0.133	0.036	0.23	0.001	0.012	0.006	0.017	0.001	0.002	0.006	0.0001	0.35

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