



## TEST CERTIFICATE EN 10.204:2004, Type 3.1.

Standard: CSA G40.21-13 50W  
 (350W)/ASTM A572-21 GR50/A992-22

Type: A992  
 St. Mea.: ASTM A6/A6M-17

St. Tol.: ASTM A6/A6M-17

Our Ref: 03837317  
 (B49-31B01)

Kattendijkdok # Westkaai 51/1201  
 2000 Antwerp - Belgium  
 Belgium

Destination: STEELINVEST BV  
 FOB STOWED TARRAGONA PORT, SPAIN  
 USA

Document n°: 202156336  
 Order number : 10786556  
 Your order : 912980US/LOT 1

Material (L=Length)	Heat Number	CHEMICAL ANALYSIS															MECHANICAL PROPERTIES			
		C	Mn	Si	S	P	Cr	Ni	Cu	Sn	Mo	V	W	AL	N	CEV	Yield Str.	Ten- sile Str.	Yield/ Tens. Str.	Elong. 8 in.
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	MPA	MPA		%
GRADO 50 W10X4X12 L.20fts (6.096m)	CE243553	0.090	1.130	0.160	0.025	0.020	0.130	0.120	0.410	0.020	0.018	0.029	0.006	0.003	0.0102	0.353	397	532	0.746	26.8
GRADO 50 W10X4X12 L.20fts (6.096m)	CE243553	0.090	1.130	0.160	0.025	0.020	0.130	0.120	0.410	0.020	0.018	0.029	0.006	0.003	0.0102	0.353	395	530	0.745	27.1
GRADO 50 W10X4X12 L.30fts (9.144m)	CE243553	0.090	1.130	0.160	0.025	0.020	0.130	0.120	0.410	0.020	0.018	0.029	0.006	0.003	0.0102	0.353	397	532	0.746	26.8
GRADO 50 W10X4X12 L.30fts (9.144m)	CE243553	0.090	1.130	0.160	0.025	0.020	0.130	0.120	0.410	0.020	0.018	0.029	0.006	0.003	0.0102	0.353	395	530	0.745	27.1
GRADO 50 W10X4X12 L.40fts (12.2m)	CE243553	0.090	1.130	0.160	0.025	0.020	0.130	0.120	0.410	0.020	0.018	0.029	0.006	0.003	0.0102	0.353	397	532	0.746	26.8
GRADO 50 W10X4X12 L.40fts (12.2m)	CE243553	0.090	1.130	0.160	0.025	0.020	0.130	0.120	0.410	0.020	0.018	0.029	0.006	0.003	0.0102	0.353	395	530	0.745	27.1
GRADO 50 W12X6.5X26 L.20fts (6.1m)	CE243553	0.090	1.130	0.160	0.025	0.020	0.130	0.120	0.410	0.020	0.018	0.029	0.006	0.003	0.0102	0.353	388	522	0.743	28.0
GRADO 50 W12X6.5X26 L.20fts (6.1m)	CE243553	0.090	1.130	0.160	0.025	0.020	0.130	0.120	0.410	0.020	0.018	0.029	0.006	0.003	0.0102	0.353	391	523	0.748	29.0
GRADO 50 W12X6.5X26 L.40fts (12.2m)	CE243553	0.090	1.130	0.160	0.025	0.020	0.130	0.120	0.410	0.020	0.018	0.029	0.006	0.003	0.0102	0.353	388	522	0.743	28.0
GRADO 50 W12X6.5X26 L.40fts (12.2m)	CE243553	0.090	1.130	0.160	0.025	0.020	0.130	0.120	0.410	0.020	0.018	0.029	0.006	0.003	0.0102	0.353	391	523	0.748	29.0
GRADO 50 W12X6.5X26 L.45fts (13.8m)	CE243553	0.090	1.130	0.160	0.025	0.020	0.130	0.120	0.410	0.020	0.018	0.029	0.006	0.003	0.0102	0.353	388	522	0.743	28.0
GRADO 50 W12X6.5X26 L.45fts (13.8m)	CE243553	0.090	1.130	0.160	0.025	0.020	0.130	0.120	0.410	0.020	0.018	0.029	0.006	0.003	0.0102	0.353	391	523	0.748	29.0

-Product suitable for galvanizing: 0.14<=Si<=0.25 & P<=0.035.

-Intended use: construction and civil engineering.

-Durability: not determined.

-Regulated substances: not determined



Castellbisbal, 27.12.2022  
 Juan Diego Martínez Gálvez  
 Quality Control Manager