

# Bar 4.2mm

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We erased their address from this document.

## 1. Description:

Material	Standard	Condition	Heat No.
Ti-6Al-4V ELI	ASTM F136	M	534EC4-1335
Size	Quantity	Weight	Lot No.
Ø4.2mm*2000mm	-	38.2KGS	534EC4-1335-02

## 2. Chemical Composition(Wt%):

Element	Ti	Al	V	Fe	C	N	O	H	Others	
									Each	Total
Requirements (Max.)	Bal	5.5-6.75	3.5-4.5	0.4	0.08	0.05	0.2	0.015	0.1	0.4
Results	Bal	6.2	4.0	0.15	0.01	0.01	0.06	0.005	<0.1	<0.4

## 3. Mechanical Properties:

Test Items	Tensile Strength Rm [Mpa]	Yield Strength Rp0.2 [Mpa]	Elongation A [%]	Area of Reduction Z [%]	Hardness [HRC]
Requirements	≥895	≥828	≥10	≥25	-
Results	960	899	18.3	48	-

## 4. Other Test Items:

Microstructure	Ultrasonic Test	Dimensional Inspection	Visual Inspection	Surface Contamination
Qualified	Qualified	Qualified	Qualified	Clean

## 5. Conclusion and Statement:

We hereby certify that these Titanium grade5 bars herein have been manufactured,sampled,tested,and inspected in accordance with ASTM F136 and other specified requirements of contract number TG1200089,and met these requirements.

Inspected by	Prepared by	Approved by
Michelle Zhang	Jimmy Liu	Andrew Wang
May 30, 2012	May 30, 2012	May 30, 2012

**END OF REPORT!**