

# INSPECTION CERTIFICATE

In accordance with EN 10204: 3.1



Customer: **PRETEC AS**

Purchasing order No: **EX2019198/200060**

Order Quantity: **18000pcs**

Part Name: **M16 rebar bolt/PE-Foam bolt L=1000 T1**

Material: **B500NC acc.to NS 3576-3:2012**

**or equivalent HRB500E acc.to GB 1499.2-2018**

Finishing: **Pc-Coat**

Article No: **5000007**

Drawing No: **PTC-116 of Jul.06.2018**

Nut specification: **M16+2/10 DIN 934-8, Pc-Coat/mounted**

**No. 9, Jinchang Rd, Haining**

**Zhejiang Pro. - China**

**www.chinapretec.com**

**Certificate No: 23820**

**Date: 2020-01-13**

## Chemical composition analysis for rebar bolt material, ref certificate from mill: 190920C01074

Batch No.	B51909052011	C	Si	Mn	P	S	CEV
Requirements (Before processing)	Max	0.25	0.80	1.60	0.045	0.045	0.55
	Min						
Test Report		0.23	0.69	1.49	0.039	0.020	0.50

## Mechanical tests for rebar bolt material, ref certificate from mill: 190920C01074

Batch No.	B51909052011	Yield ReH(MPa)	Tensile Rm(MPa)	Agt%
Requirements (Before processing)	Min	500	600	8
	Max	650		
Test Report		575	750	10.7
		550	740	10.2

## Chemical composition analysis for material, ref certificate from mill:

Batch No.	G831006247	C	Si	Mn	P	S
Requirements	Max	0.38	0.35	0.90	0.035	0.035
	Min	0.32		0.60		
Test Report		0.36	0.14	0.76	0.012	0.002

## Mechanical property from the test report: B2019041107

Batch No.		Hardness HRC	Proof Load Test N
Requirements	Min	12	138200
	Max	30	
Test Report		23/23	ok

## Inspection of execution:

DIM.	Middle Dia	Length	L1	Straightness	Thread L	Chamfering	HDG Thickness	Epoxy Coating Thickness
Spec/mm	14.076-14.236	1000±5	150±2	6	300+10/-0	Ø10+0/-2	≥55um	≥55um
1	14.21	1003	150	ok	306	8.9	92	96
2	14.20	998	149	ok	307	9.1	86	90
3	14.19	1002	152	ok	306	9.3	93	95
4	14.18	997	151	ok	306	9.0	89	97
5	14.17	1001	150	ok	307	9.2	101	86

Zhejiang Pretec Metal Products Co., Ltd.

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General appearance:

☒ approved

☐ not approved

Inspected 45° cut:

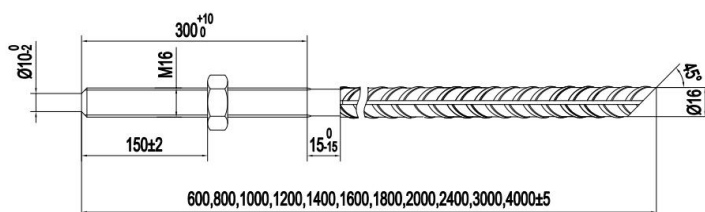
☒ approved

☐ not approved

Pc-Coat acc.to ISO 1461:2009/ Q/PTC-T19A:

☒ approved

☐ not approved



After surface treatment,easy mounting of nut M16+2/10 DIN 934-8: 1987,Pc-Coat:

☒ approved

☐ not approved

All the data on the above form is real and valid.

Conclusion :

☒ Yes

☐ No

3.1 Inspection certificate are subject to change without notice.

Works inspector: Echo Xiang

Checked by:Jianbo Gu

Date:2020-01-13

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