



2019-007338



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中国认可
国际互认
检测
TESTING
CNAS L0230

检 验 报 告

TEST REPORT

BETC-CL2-2019-02870

工程 / 产品名称

Name of Engineering/ Product Glued Hooked End Steel Fiber

委托单位

Client Tengzhou Star Smith Metal Products Co., Ltd

检验类别

Test Category Entrusted test

国家建筑工程质量监督检验中心

NATIONAL CENTER FOR QUALITY SUPERVISION
AND TEST OF BUILDING ENGINEERING

TEST REPORT OF NATIONAL CENTER FOR QUALITY SUPERVISION AND TEST OF BUILDING ENGINEERING



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Client		Tengzhou Star Smith Metal Products Co., Ltd		
ADD.		-----	NO.	CL2-2019-02870
Sample	Name	Glued Hooked End Steel Fiber	State	Normal
	Brand	-----	Type/Model	SD75. Sort 1, Length 60mm, Class 1000
Manufacturer		Tengzhou Star Smith Metal Products Co., Ltd		
Date of delivery		2019-08-13	Quantity	one
Name of engineering		-----		
Test	Item	Dimensions (length, diameter, aspect ratio), Tensile strength.	Place	Lab of Bei San Huan
	Instruments	Digital caliper, Electronic Universal Testing Machine, Lever micrometer.	Date	2019-08-19~08-20
Test based on		YB/T 151-2017 "Stssl fibere for fiber reinforced concrete" GB/T 228.1-2010 "Metallic materials -tensile testing-part1: method of test at roon temperature"		
Criteria based on		YB/T 151-2017 "Stssl fibere for fiber reinforced concrete"		
Conclusion				
After testing, the test items are meet the technical requirements of YB/T 151-2017 "Stssl fibere for fiber reinforced concrete". (Following blank)				
Remark	Forming method: Bonded in rows. Manufacturing No.:2019-08-02.			
Approval	Verification	Chief tester	Tel.	Date
			010-84283858	2019-08-20



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NO.	Test item	Performance index	Test result (Sort I , Class 1000)	Conclusion	
1	Length	>30mm	Sample tolerance $\pm 3\text{mm}$	0.9mm~2.0mm	Qualified
			Mean tolerance $\pm 5\%$	2.3%	Qualified
			Sample Tolerance Qualification Rate $\geq 95\%$	100%	Qualified
2	Diameter	>0.30mm	Sample tolerance $\pm 0.02\text{mm}$	-0.02mm~0.005mm	Qualified
			Mean tolerance $\pm 0.015\text{mm}$	-0.004mm	Qualified
			Sample Tolerance Qualification Rate $\geq 95\%$	100%	Qualified
3	Aspect ratio	Sample tolerance $\pm 15\%$	2.5%~3.8%	Qualified	
		Mean tolerance $\pm 7.5\%$	2.5%	Qualified	
4	Tensile strength	$1000 \leq R_m < 1300$, MPa	1173	Qualified	
		Sample tolerance $\pm 10\%$	-3%~7%	Qualified	
		Mean tolerance $\pm 5\%$	2%	Qualified	
(Following blank)					
Remark	Benchmark value of tensile strength is 1150MPa.				