SHENZHEN DengFu Sports Equipment Co.,Ltd Frame ISO4210 Test Report



深圳市登富体育用品有限公司

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物性測試報告 TEST REPORT OF PHYSICAL PROPERTY

試 測 編 號 Frame-0001 PROJECT NO.: 試 日 期 測 2016.12.28 TEST DATE: 測 部 門 委 开发 **ENTRUST TEST DEPT.:** 品 型 號 產 FM098-56 PRODUCT TYPE:

測 試 目 的 : TEST PURPOSE:

物性测试 Physical Property

1. 產品由申請人提供,本實驗室測試,測試結果詳見內頁。

Products sent by applicant have been tested by our laboratory. The test result is included in this test report.

2. 本報告結果僅對申請人所送樣品有效。

This report is responsible for sample only, not for the use of suit.

3. 未經本部門同意不得隨意複製此報告。

This test report contains (3) pages, it can not be abstracted and copied separately.

4.報告兩份副本,一份申請者,原件品管課存檔。

This report has two copies, one for applicant and another reserves in laboratory.

核准: Approve: 審核: Verify: 試驗者: Inspector:

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	SO4210	□ EN											
Customer/Supplier:					Test Report N°: Test Date: 2016.12.25								
Fram	ne/Item N: FM098-56		Issue Date	: 201	6.11.2	8							
Part	Part Description:												
Draw	ing N°:		Frame Type	MTB 1-5			□ City &	k Trekki	ng1,3,5	ng1,3,5 🗆 Children			
			车型	性 车	公路车			城市车		童车			
Mater	rial: □Steel □Alloy ☑Car						☑			Test	result		
Description of test items			Test Pic				МТВ	Race	City	Children	1000		onc 判
			测]示					en en	测试:	结果	Conclusion 判定	
	测试项目描述											5	
			, KIK-			Н	360	212	180	120			V
<u> </u>	1. Weight of drop hammer: 22.5kg 2. Drop height: (H) mm					a	30	30	30	20	_		Pass
「Impact test (Falling mass) 车架向后冲击测试	3. Permanent deformat	ion≤ (k)mm			p	ь	10	15	10	20			
向后 信	a. General front fork < (a) mm b. Rigid solid-steel bar < (b) mm			18									
Palli 中击源	No visible cracks No fractures			*									Failed
微弱 武器													
ass)													
		1 - 1 - 3		LIVE	10	10	10				V		
2 In	Keep the frame and front fork assembly u		No.	5	H/T S/T	30	30	50	30			Pass	
2 Impact test (Fallii	kg, (S/T) kg and (BB) kg at the top of the head tube, vertical profeseat cushion and its five-through respectively until the role keeps a clearance of (h) mm from the anvil. Allow the fran				2	BB	50	50	30	30			1 433
前倒冲击测	and front fork assembly to fall freely to the the operation. The permanent deformat	anvil and then repea				h	300						
 - (Fall	acceptable.					i	60	200 15	200	20			
								/				Failed	
ing frame)									/				
									<u>/</u>				
3 Pedaling fatigue test 踏力疲劳测试	Apply an acting force of F=(F2) N±0.5% to	o the both pedal spindle	l A i		1200 N	F2	1200	1100	1000				
	(equivalent test piece). Then apply it to the (the frame in the vertical section at an a			d				1 /			Pass		
	7.5°±0.5%. Apply a test force within 5 per acting force to the main shaft of the pedal. Per	***		a 100 alla 100 all		100000	0 Сус	les					
労 測 対		7										□ Failed	
ie te								/				raned	
, ž									/				
4 T					F		1200	600					V
水型 水型	Fix the frame and rear fork on the normal means of installation wit				F4	600	600					Pass	
4 Horizontal fatigue test	required rotation (for the rear horizontal force of + (F3) N toward and - (F4) N backward. Repeat th	the front fork end		100N W									
勞 fatio	cycles. The acting force may freely					j	50000	100000		/			
斌 te													Failed
_ st													

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多 Vertical fatigue test	75m 2. E by 2 3. K steel Λpp	m and then fix xtend the tool 50mm (see the keep a clearand tool and the endy ly a vertical for	from the top of the middle tube		70 TOOM	F1	0-1200 50000 Cycles	1200 50000 Cycles	0-1000 50000 Cycles			Pass
6 Vi bratic	2.ST 3.HT	(KG) distance=120mm (KG) dr	1		H/T S/T	20	10	20			✓ Pass	
Vi bration fatigue test 震动疲劳测试	6.Drop height=30mm 7.Drop height=30mm (Not ISO Standard)			7.6		ВВ	BB 40 40 40 40 20000 Cycles					□ Failed
Passing Criteria No breakage or visible crack shall appear in any part of the frame/front fork assembly after the test. (The suspension damper may be substituted by an artificial tool). (For carbon fiber frames, the peak deflections during the test at the point where the forces are applied shall not increase more than 20% of initial value) For a full explanation of the testing method requirements please refer to the relevant EN standard.										ease by		
Comment		ment	Fatigue testing frequen Peddling Fatigue: Other Comments:	cy used: Hz	Horizontal Fatigue:	Н	İz	Ve	rtical l	Fatigu	e: Hz	

Approved by: Checked by: Tested by: 吴卫

Photograph of Test Frame

测试照片

1.Impact test (Falling mass) 车架前叉组向后冲击



4. Horizontal fatigue test 水平拉力疲劳测试



2. Impact test (Falling frame) 车架前倒冲击测试



5. Vertical fatigue test 垂直拉力疲劳测试



3. Pedaling fatigue test 踩踏疲劳测试



6.Vibration fatigue test 震动疲劳测试

