

BASALTWHEELS XCC30 test report

Model: CKMX730

Weave: UD

Weight: 400g

Rims serial number: CKMX730-0313#

Layup: B1

Date: 2016.03.25

Test and result (standard:JIS-D9421-1997/ EN14766)

1.positive stiffness test: OK

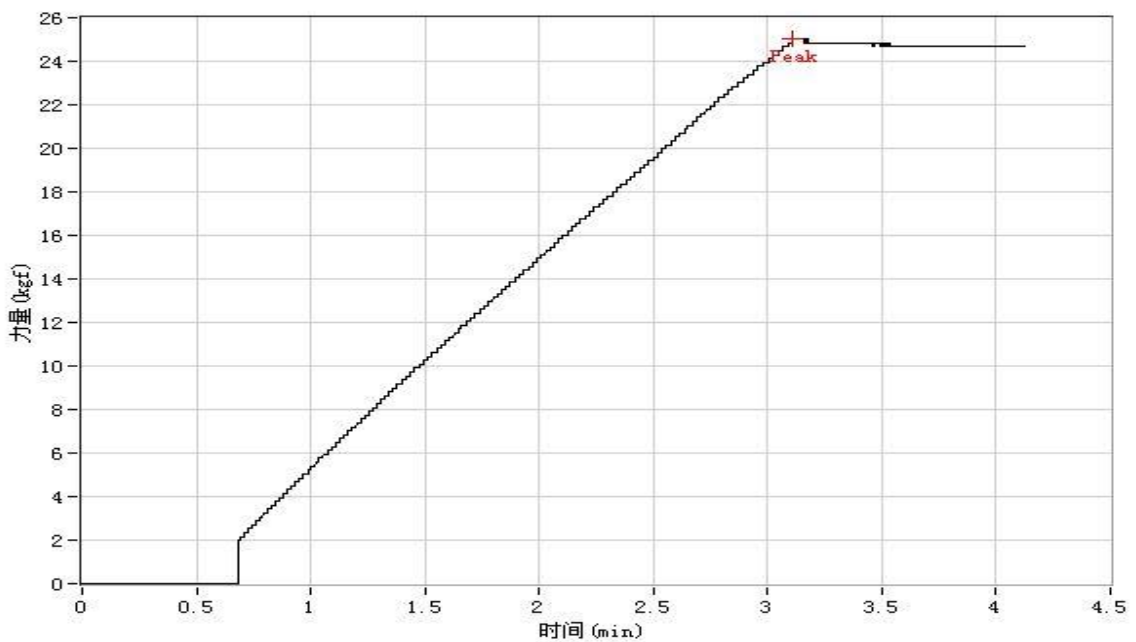
2.lateral stiffness test: OK

3.positive damage test: OK

4.spoke tension test: OK

Lateral Stiffness Test

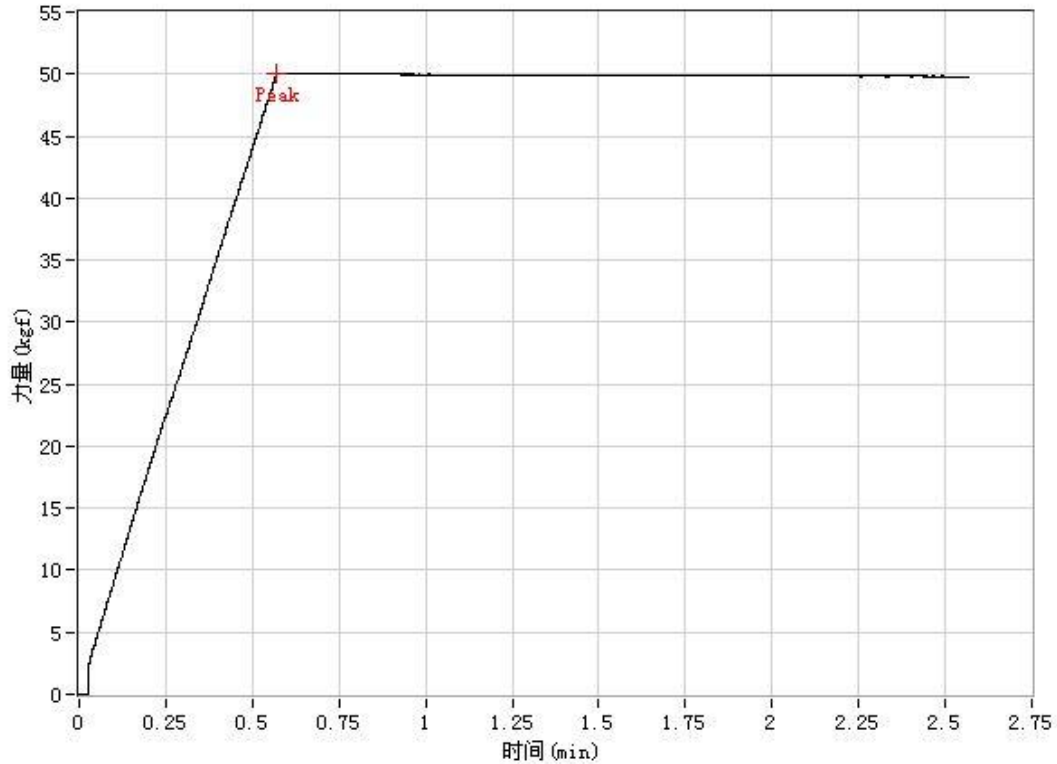
Rim SN:	CKMX730-0313#	Test item:	Lateral stiffness test
Rim type:	CKMX730 HOOKLESS	Layer-up:	B1
Date:	2016.03.25	Material:	FULL CARBON
Weight:	400g	Weave:	UD
Test tension (kgf)	Endurance time	Offset	Permanent deflection (≤1mm)
30.04kgf	1min	4.8mm	0.01mm



No.	Max tension (kgf)	Max extension (%)	Absorbed energy (kgf.mm)	Break (kPa)	Test time (min)	Max offset (mm)	
1	30.04	4.8	144.84	6203.14	2.57	4.8	
Reference standard		√	JIS-D9421-1997		Attached list		Test curve table
Result		√	OK		Remarks		

Positive Stiffness Test

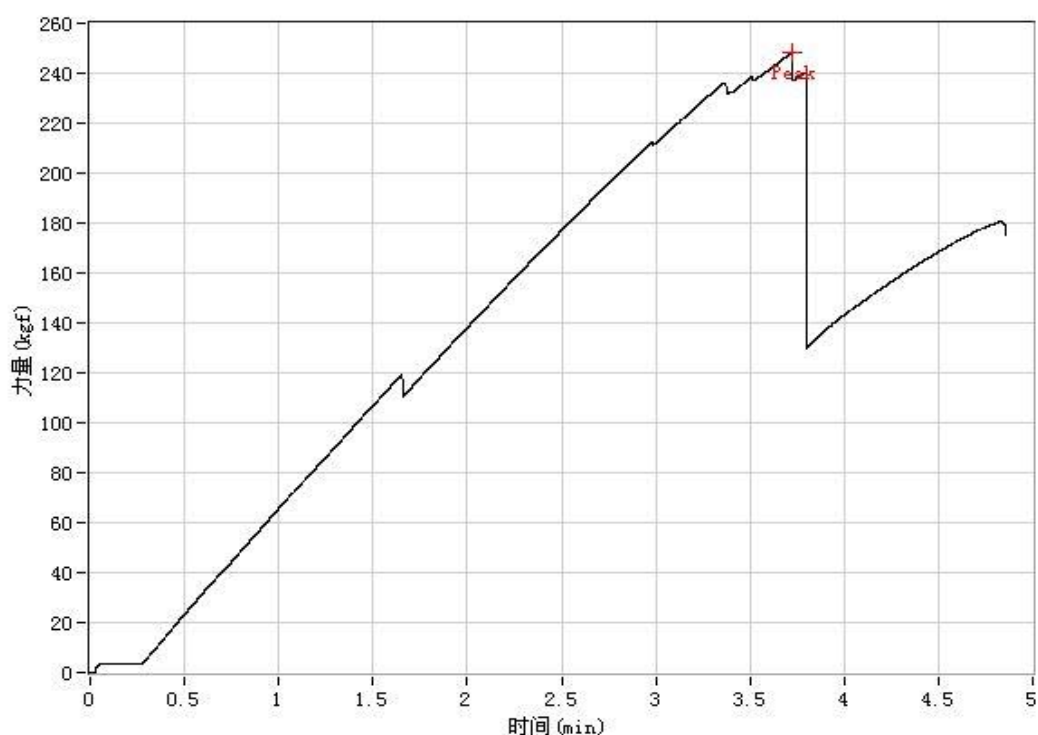
Rim SN:	CKMX730-0313#	Test Item:	Positive stiffness test
Rim type:	MX730 HOOKLESS	Layer-up:	B1
Date:	2016.03.25	Material:	FULL CARBON
Test tension:	50.04kg	Weave:	UD
Weight:	400g	Max extension(%):	5.53mm



No.	Max tension (kgf)	Max extension (%)	Absorbed energy (kgf.mm)	Break strength (kPa)	Test time (min)	Max offset (mm)	
1	50.04	5.53	144.84	6203.14	2.57	5.53	
Reference standard		√	JIS-D9421-1997		Attached list		Test curve table
Result		√	OK		Remarks		
			NG				

Positive Damage Test

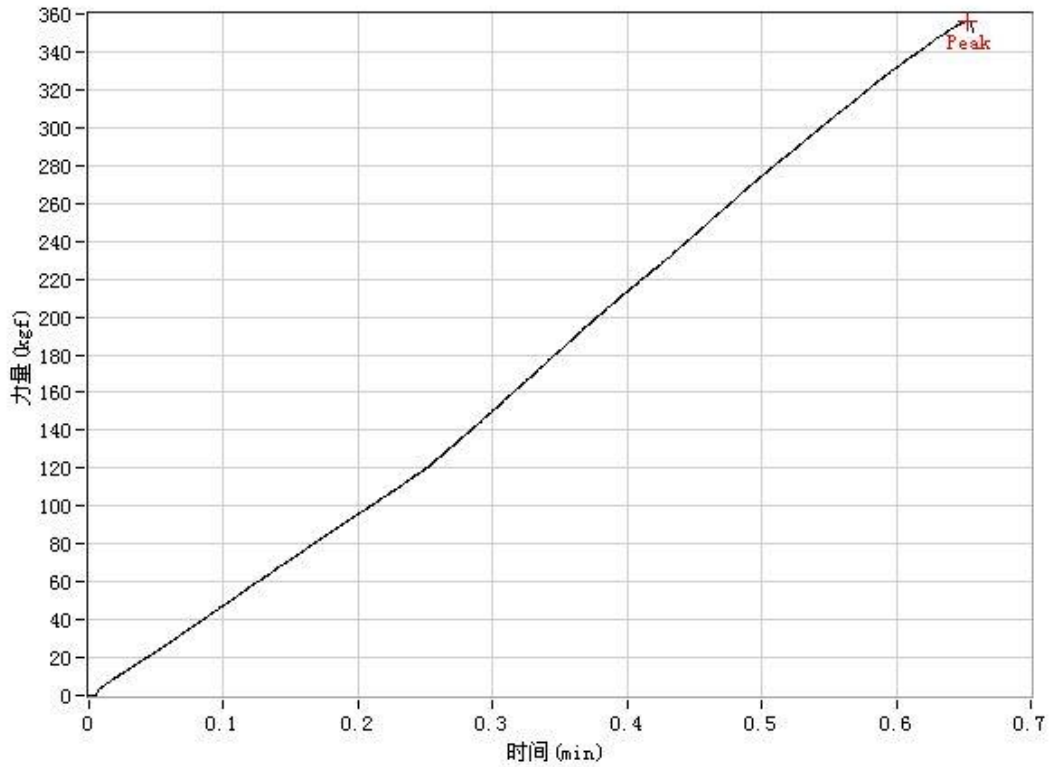
Rim SN:	CKMX730-0313#	Test item:	positive damage test
Rim type:	CKMX730 HOOKLESS	Layer-up:	B1
Date:	2016.03.25	Material:	FULL CARBON
Test tension:	248.22kg	Weave:	UD
Weight:	400g	Max extension(%)	37.31mm



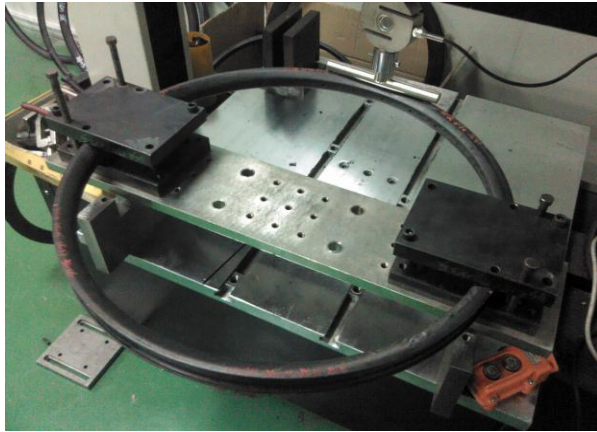
No.	Max tension	Max extension (%)	Absorbed energy (kgf.mm)	Break strength (kPa)	Test time (min)	Max offset (mm)	
1	248.22	37.31	6667.47	21913.26	4.85	48.74	
Reference standard		√	JIS-D9421-1997	Attached list		Test curve table	
Result		√	OK	Remarks			
			NG				

Spoke Tension Test

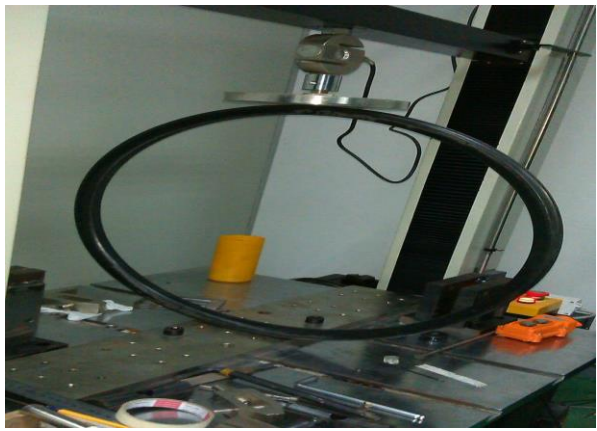
Rim SN:	CKMX730-0313#	Test item:	Spoke tension test
Rim type:	MX730 HOOKLESS	Layer-up:	B1
Date:	2016.03.25	Material:	FULL CARBON
Test tension:	367.52kg	Weave:	UD
Weight:	400g	Max extension(%):	7.23mm



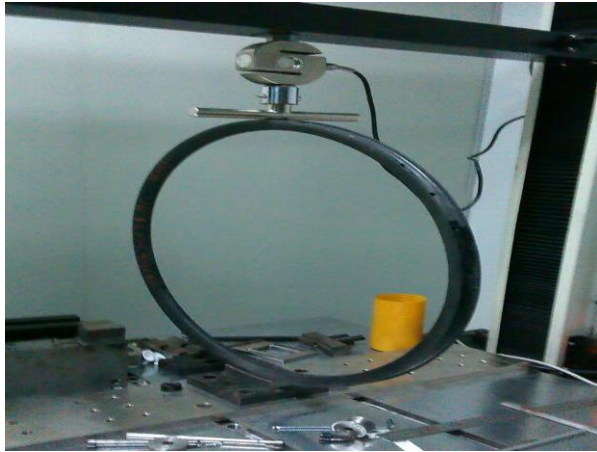
No.	Max tension (kgf)	Max extension (%)	Absorbed energy (kgf.mm)	Break strength (kPa)	Test time (min)	Max offset (mm)	
1	367.52	7.23	1307.87	42734.22	0.75	7.27	
Reference standard		√	JIS-D9421-1997		Attached list		Test curve table
Result		√	OK		Remarks		
			NG				



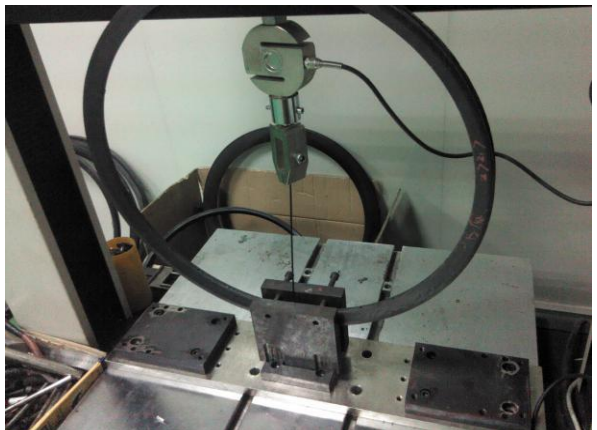
Lateral stiffness test



Positive stiffness test



Positive damage test



Spoke tension test