SFI TEST REPORT FOR LIGHT ALLOY WHEEL

Reference No.	091221		
Туре	F14	Nominal designation of rim	19×10J
Offset (mm)	+42	P.C.D. (mm)	130
Number of bolt holes	5	Structure	1-PC
Material	A356-T6	Manufacturing method	FLOW FORMING

1. Tire used for test

Item	Nominal designation of tire
Radial load endurance test	285/35R19
Impact test	255/35R19
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PCD § 14.75*29.7

MAX LOADING:1600LBS

- 2. Testing conditions and results
- (1) Rotary bending fatigue test

Date of test, (Month 12 (Day) 11 (Year) 2009

Testing equipment approval number A-238 Bending moment Rotational speed for test Damage to disk Loosening of tightening Evaluation during test (kgf.m) wheel section 100,000 circles Qualified/Disqualified 328 None OK

Used in calculation of bending moment $[kN]{kgf}$ <u>r 725.76 (m)</u> d<u>0.042(m)</u> W<u>0.3429 (kgs)</u>

Calculated bending moment value M [kNm] {kgfm} r 327.50 (m) d (m)

(2)	Radial	load endurance test
(~)	ruunui	iouu enuunice test

Date of test, (Month) 12 (Day) 12 (Year) 2009

		Testing equipmen	t approval n	umber $B-224$. <u> </u>
Pre-test air pressure	Radial load during	Rotational speed	Damage to	Loosening of	Evaluation
[kpa]{kgf/cm ² }	test [kN]{kgf}	for test	disk wheel	fixture section etc.	
460	1633	500,000circles	None	OK (Qualified Disqualified

Used in calculation of Radial load[kN]{kgf}Calculated Radial load Q 725.76 {kgf} W_1632.95 (kgs)

(J) Impact tost 1J	(3)	Impact test	13°
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Date of test, (Month) <u>12</u> (Day) <u>11</u> (Year) <u>2009</u>

C-297 Testing equipment approval number

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Pre-test air	Total width	Weight	Drop height	Impact	Damage to	Air	Evaluation
pressure	(mm)	mass (kg)	(mm)	position (°)	disk wheel	leakage	
[kpa]{kgf/cm ² }							\frown
200	259	616	230	0°/180°	NONE	OK	Qualified/Disqualified

(4) Overall evaluation Qualified Disqualified

Corporate name: Forgestar
Contact: Wong

MODEL#9B42U

