SFI TEST REPORT FOR LIGHT ALLOY WHEEL

Reference N	To. 120923	05	
Type	CF10	Nominal designation of rim	21×9J
Offset (mm)	+46.5	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	275/45R21
Impact test	245/40R21

PCD § 15.75*24.5

MAX LOADING:2200LBS

2. Testing conditions and results

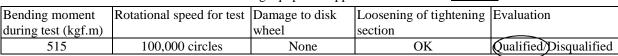
(1) Rotary bending fatigue test Date of test, (Month <u>09 (Day) 13 (Year) 2012</u>

Testing equipment approval number A-238

Model#BC83S

Contact: Wong

Corporate name: Forgestar



Used in calculation of bending moment [kN]{kgf} \underline{r} 997.92 (m) \underline{d} 0.0465 (m) \underline{W} 0.3937 (kgs)

Calculated bending moment value M [kNm] {kgfm} r 514.27 (m) d (m)

(2) Radial load endurance test Date of test, (Month) <u>09 (Day) 14 (Year) 2012</u>

Testing equipment approval number B-224

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	2246	500,000circles	None	OK (Qualified Disqualified

Used in calculation of Radial load[kN]{kgf}Calculated Radial load Q _997.92 {kgf} W 2245.31 (kgs)

(3) Impact test 13° Date of test, (Month) <u>09 (Day) 13 (Year)</u> <u>2012</u>

Testing equipment approval number C-297

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 }						_	
200	249	779	230	0°/180°	NONE	OK	Qualified/Disqualified

(4) Overall evaluation Qualified/Disqualified