SFI TEST REPORT FOR LIGHT ALLOY WHEEL

Reference N	lo. 090725		
Type	2014 SPOKE	Nominal designation of rim	20×9J
Offset (mm)	+44	P.C.D. (mm)	127
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	285/50R20
Impact test	255/40R20

PCD \$ 15.75*30.93

MAX LOADING:1600LBS

2. Testing conditions and results

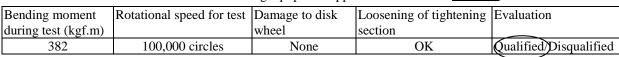
(1) Rotary bending fatigue test Date of test, (Month <u>07 (Day) 23 (Year) 2009</u>

Testing equipment approval number A-226

MODEL#AB42S

Contact: Wong

Corporate name: Forgestar



Used in calculation of bending moment [kN]{kgf} \underline{r} 725.76(m) \underline{d} 0.044(m) \underline{W} 0.4064 (kgs)

Calculated bending moment value M [kNm] {kgfm} r 381.44 (m) d (m)

(2) Radial load endurance test Date of test, (Month) <u>07 (Day) 24 (Year) 2009</u>

Testing equipment approval number B-90-2

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)

(3) Impact test 13° Date of test, (Month) <u>07</u> (Day) <u>23</u> (Year) <u>2009</u>

Testing equipment approval number <u>C-127-2</u>

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	259	616	230	0°/180°	NONE	OK	Qualified/Disqualified

(4) Overall evaluation Qualified Disqualified