Test Report For Automobile Aluminum Alloy Wheel

Name, Brand (Type) SLJBW Rim Size 12*5.0 Dep Offset (mm) Number of bolt (holes) 4 Structure One piece Material A356.2 Manufacturing method Gravity casting 1.Tire used for test Item Nominal designation of tire Dynamic radial fatigue test Inpact test 165/60R 12 Impact test 2.Testing conditions and results (1)Dynamic cornering fatigue test Date of test, (Month) Revolutions Bending moment during Revolutions Revolutions F used in calculation of bending moment SLJBW Rim Size 101.6 (mm) None piece Manufacturing method Gravity casting 165/60R 12 155/70R 12 2.Testing conditions and results Appearance concerning damage, Appearance test [KNm] Revolutions etc., of disc wheel after test section, etc., No damage F used in calculation of bending moment S.34 [KN] r 0.298 (m) d 0 Testing equipment approval number: VIA B.197 Air pressure prior to test Radial load during test Number of Test Appearance concerning	artment QC Name	9 谭文军	
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Testing equipment approval number: VIA A.210 Bending moment during Number of Test Appearance concerning damage, test [KNm] Revolutions etc., of disc wheel after test section, etc., 3.172 100000 No damage F used in calculation of bending moment 8.34 [KN] r 0.298 (m) d 0 Calculated bending moment value M 3.172 [KNm] (2)Dynamic radial fatigue test Date of test, (Month) 08 (Day) 0 Testing equipment approval number: VIA B.197 Air pressure prior to test Radial load during test Number of Test Appearance concerning test Revolutions damage, etc., of disc value of test after test 460 18.20 500000 No damage			
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after test 460 18.20 500000 No damage	erning Appearance concerning Jud		Judgment
460 18.20 500000 No damage	of disc wheel looseness in attached section, etc., of disc wheel after test		
F used in calculation of radial load 8.34 [KN] (kgf) Calculated radial load o_18.26	age No damage		OK
	_[KN] (kgf)		
(3) Impact test Date of test, (Month) <u>08</u> . (Day) _	07 (Year) 2	2010	
Testing equipment approval number: VIA C.267			
Air pressure prior to test Overall width Weight mass Drop height Impact position		leakage J	Judgment
[kpa](kgf/c m²) (mm) (KG) (mm)	Damage to disc Air		
200 205 595 230 0/180	Damage to disc Air wheel	NI-	OK
3. Overall assessment: Qualified, not qualifie		No	

- 4. Remark: (Check with a circle, when applicable)
 - 1) Indication site for load Indication marks: outer side, Inner side, Rim, Disc
 - 2) Rust prevention treatment
 - 3) Plated, Not plated, Plating