SAE J2530 TEST REPORT FOR LIGHT ALLOY WHEEL

Reference No. 15122901

Type F10D Left
Nominal designation of rim 19×9J
Offset (mm) 41
P.C.D. (mm) 130
Number of bolt holes 5
Structure 1-PC
Material A356.2
Manufacturing method Flow Forming

1. Tire used for test

<table>
<thead>
<tr>
<th>Item</th>
<th>Nominal designation of tire</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radial load endurance test</td>
<td>245/45R19</td>
</tr>
<tr>
<td>Impact test</td>
<td>225/40R19</td>
</tr>
</tbody>
</table>

MAX LOADING: 1600LBS HUB=72.56mm
PCD DRILLED: 15.75X28.5mm

2. Testing conditions and results

(1) Rotary bending fatigue test
Date of test, (Month) 12 (Day) 16 (Year) 2015
Testing equipment approval number A-238
Bending moment during test (KN.m) 3.31
Rotational speed for test 150,000 circles
Number of Test Required 2
Damage to disk wheel None
Loosening of tightening section OK
Evaluation Qualified/Disqualified

Used in calculation of bending moment
R=355.6mm u=0.7 d=41mm W=725.76KG
Calculated bending moment value {KN.m} M=3.300

(2) Radial load endurance test
Date of test, (Month) 12 (Day) 17 (Year) 2015
Testing equipment approval number B-224
Pre-test airpressure [kpa] 460
Radial load during test [kN] 14.23
Rotational speed for test 1,850,000 circles
Number of Test Required 2
Damage to disk wheel None
Loosening of fixture section etc. OK
Evaluation Qualified/Disqualified

Used in calculation of Radial load [kN] [kgf]
Calculated Radial load K= 2.0 F= 14.225

(3) Impact test 13º
Date of test, (Month) 12 (Day) 15 (Year) 2015
Testing equipment approval number C-297
Pre-test air pressure [kpa] 200
Total width (mm) 229
Weight mass (kg) 616
Drop height (mm) 230
Number of Test Required 2
Damage to disk wheel NONE
Air leakage OK
Evaluation Qualified/Disqualified

(4) Overall evaluation: Qualified/ Disqualified

Model#9E82S
Corporate name: Forgestar
Contact: Wong