

The Goodyear Tire & Rubber Company

Akron, Ohio 44316-0001

July 20th, 1987

Mr. Dick Znidarsic
Technical Director
Chardon Rubber

Subject: Weatherometer Testing for Chardon Rubber Cmpd. 6003
to Nissan Spec. M 0135

Dear Dick;

Samples supplied by Chardon Rubber were run in a Carbon-arc Weathering apparatus per the ASTM D750 specification. Duration of the test was 2000 hours (83 days). Spray time was 18 minutes during a 120 minute irradiation cycle using deionized water. The test temperature was 146 degrees Fahrenheit (63 degrees Centigrade). Two test pieces were tested in the weathering apparatus with each piece exposing the side opposite to that of the other piece. The exposed side was identified with an X.

Examination of the samples after completion of the test exhibited what appeared to be water spots. Closer examination under an adjustable Nikon microscope substantiated the initial findings. There was no evidence of crazing or cracking. These samples have been returned to you for your records.

Please let us know if we can be of any further help in your development effort.

Sincerely,

Michael Stockdale

Michael Stockdale
Customer Technical Service
Goodyear Chemical Division

BCC: J R Purdon K M Kline
 D E Miller J M Campo
 J R Frazier L A Cobb

CHARDO 00729

NOTES

1. SHOWN PART TO BE WSA-1 (KB, KC, KD AREAS) AND WSA-3 (SECTION AA, SA-SA AREAS) SPECIFIED IN NES 7075.

MATERIAL TO BE AS FOLLOWS.

AREAS KB, KC, KD ; WB07 (RB0083)

DATUM SECTION AA ; WB07 (RD0083) WE (RB0014)

AREAS KA, KE, KF, KG ; WE (RA0083)

2. CHARACTERISTICS OF COMPRESSION LOAD SHALL SATISFY RANGE SPECIFIED SHOWN IN FIG. I, II. TEST PROCEDURE SHALL CONFORM TO FITTING CONDITION FIG. DATA OF IT TO BE INDICATED BY RECIPROCATION MEASURING DATA.

3. PERFORMANCE OF OTHER PARTS SHALL SATISFY THE FOLLOWING REQUIREMENTS.

(1) HIGH TEMP COMPRESSIVE LOAD

AFTER CONDUCTING UNDER THE FOLLOWING CONDITION, TO BE 0.2kg/10cm.
SEE ORIGINAL TEXT.

(2) LOW TEMP COMPRESSIVE LOAD

CHANGE AT -35°C TO ROOM TEMP TO BE 170% MAX.

4. SURFACE TREATMENT TO BE AS SHOWN IN FIG. III.

5. STANDARD OF COMPRESSIVE LOAD CHARACTERISTICS TO BE SATISFIED RESPECTIVELY TEMP IN 3-(1) TO BE SPECIFIED ON BASIS OF THE RESULTS WHICH HAVE BEEN CONDUCTED AT 70 °C. 80 °C.

Fax to : Mr. Jack Johnson
From : M. Ishibashi

This is the spec for 8338 5/6 12G00 (QTR WDW)

CHARDO 00730