

THE CHARDON RUBBER COMPANY
CERTIFICATION OF TEST RESULTS

DATE April 2, 1987

FOR: Nissan MAT'L SPEC. Print Ref. ASTM 2287-70 33336 Z₁Z₂Z₃Z₄
PART NO. PVC 850 ORDER NO. _____ COMPOUND NO. V-6003 /CKR Flex
Auarter Window Gasket

ORIGINAL UNAGED PROPERTIES		REQUIRED	OBTAINED
Tensile, psi	ASTM D 412	<u>1200</u>	<u>1453</u>
Elongation, %		<u>400</u>	<u>593</u>
Durometer	ASTM D2240	<u>55±5</u>	<u>57</u>
Color		<u>Black</u>	<u>Black</u>
Specific Gravity		<u>1.27±.02</u>	<u>1.27</u>
AIR OVEN AGED 70 HRS. @ 158°F ASTM D 573			
Tensile, % Change		<u>±15</u>	<u>-5.0%</u>
Elongation, % Change		<u>-25</u>	<u>-13.7%</u>
Durometer, Change	Points	<u>+5</u>	<u>No change</u>
COMPRESSION SET METHOD B 22 HRS. @ 158°F			
% Set	ASTM D 395	<u>60</u>	<u>56.1</u>

SUFFIX TESTING

Ozone 80 PPHM @ 40°C ASTM D 1171 A or B		
20% Stretch 72 Hrs.	<u>No cracks</u>	<u>No cracks</u>
Stain @ 80°C Per NES M 7082, Sec. 5.8		
No Migration	<u>No migration</u>	<u>No migration</u>
Low Temperature -40°C ASTM D 2137		
Flex	<u>No cracks</u>	<u>No cracks</u>
Weight Loss @ 70 Hrs. @ 158°F	<u>-3% max.</u>	<u>-1.2%</u>
@ 70 Hrs. @ 212°F	<u>-5% max.</u>	<u>-2.9%</u>

<u>Physical Specification</u>	<u>Specification</u>	<u>Requirements</u>
Weatherability & Light Test	NES M0135	
Sunlight Exposure	NES M0135	
PVC to Glass Bond		
Lap Shear		9 KG/100mm
peel		9 KG/100mm

R. F. Znidarsic
Chief Chemist

The test results are certified to be accurate and representative of the submitted samples as determined by tests conducted by our laboratory.

CR-116

CHARDO 00726

THE CHARDON RUBBER COMPANY

CERTIFICATION OF TEST RESULTS

DATE _____

FOR: _____ MAT'L SPEC. ASTM 2257-70 32307 Z1, Z2, Z3, Z4

PART NO. P50 6-75/107 ORDER NO. _____ COMPOUND NO. 6003

ORIGINAL UNAGED PROPERTIES

Tensile, psi
Elongation, %
Durometer
Color

REQUIRED

1285
400
60±5

OBTAINED

1460
523
58

Z1 AIR OVEN AGED 70 HRS. @ 70°C (158°F)

Tensile, % Change
Elongation, % Change
Durometer, Change

+15%
-25%
+5 pts

-3.00
-9.50
+1

COMPRESSION SET METHOD B22 HRS. @ 70°F (158°F)
% Set

60

48.60

SUFFIX TESTING

Z2 Ozone 50 PPHM @ 40°C ASTM D-1171
AORB 20% stretch for 72 hrs

No CRACK

No CRACKS

Stain @ 80°C per NEE M 7082
Sec. 5.8. ~~NO MIGRATION~~

No Migration

No Migration

Z3 Low Temp -40°C ASTM D257
Flex

No CRACKS

No CRACKS

Z4 Wt Loss 70 hrs @ 70°C (158°F)
70 hrs @ 100°C (212°F)

-3% max.

-0.75

-5% max.

-1.00

Weatherometer per NISSAN M0135
2000 hrs @ 146°F

No CRACKING

No CRACKING

No CRACKING

No CRACKING

The test results are certified to be accurate and representative of the submitted samples as determined by tests conducted by our laboratory.

THE CHARDON RUBBER COMPANY

CERTIFICATION OF TEST RESULTS

DATE October 2, 1987

FOR: NISSAN

MAT'L SPEC.

PRINT REF. ASTM 2287-70 33336 Z1Z2Z3

PART NO. PVC 850 ORDER NO. QUARTER WINDOW GASKET

COMPOUND NO. V-6003 / CKR FLEX

ORIGINAL UNAGED PROPERTIES

Tensile, psi ASTM D412
Elongation, %
Durometer ASTM D2240
Color
Specific Gravity

REQUIRED

OBTAINED

1200
400
55-64
Black
1.27-1.02

1411
423
51
Black
1.25

AIR OVEN AGED 70 HRS. @ 158°F ASTM D573

Tensile, % Change
Elongation, % Change
Durometer, Change - points

-15
-25
+5

-2.7
-9.3
+1

COMPRESSION SET METHOD B 22 HRS. @ 158°F
% Set

60

51.7

SUFFIX TESTING

Ozone 80 PPHM @ 40°C ASTM D1171 A or B
20% Stretch 72 Hrs.

No Cracks

No Cracks

Stain @ 80°C Per NES M 7082, Sec. 5.8
No Migration

No Migration

No Migration

Low Temperature -40°C ASTM D 2137
Flex

No Cracks

No Cracks

Weight Loss @ 70 Hrs. @ 158°F
@ 70 Hrs. @ 212°F

-3% Max.
-5% Max.

-0.75%
-1.00%

Low Temperature Low Temp
Brittle Point (C)

-51.3°C

Weather meter Per Method AA 0135
3000 hrs @ 146°F
R. F. Znidarsic
Chief Chemist

No cracking

The test results are certified to be accurate and representative of the submitted samples as determined by tests conducted by our laboratory.

CR-116

CHARDO 00728