

TEST REPORT

MATERIAL: FDA SIL70 DURO RED

COMPOUND NO. S7011R

A) PHYSICAL PROPERTIES

PRESS CURE @170 DEGREE C X 10MIN)

POST CURE @200 DEGREE C X 4HRS

HARDNESS ,SHORE A

TENSILE STRENGTH, MPa

ELONGATION, %

SPECIFIC GRAVITY

REQUIREMENTS	TEST RESULT
70+/-5	72
5.0	6.8
150	255
	1.292

B) HEAT RESISTANCE @225 DEGREE C X 70 HRS

HARDNESS CHANGE, PTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

+10	+4
-25	-3
-30	-26

C) COMPRESSION SET:

PRESS CURE @170 DEGREE C X 20MIN)

POST CURE @200 DEGREE C X 4HRS

HEAT AGING @175 DEGREE C X 22 HRS

30	18
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D) WATER RESISTANCE @100 DEGREE C X 70 HRS

HARDNESS CHANGE, POINTS

VOLUME CHANGE, %

+/-5	+3
+/-5	+3

E) ASTM NO. 1 OIL: @150 DEGREE C X 70 HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANG, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

0~-15	-7
-20	+4
-20	-5
0~+15	+9

F) ASTM NO. 3 OIL: @150 DEGREE C X 70 HRS

HARDNESS CHANGE, PTS

VOLUME CHANGE, %

-40	-21
+60	+34

G) LOW TEMPERATURE BRITTLENESS

TESTS AFTER 3MIN AT -55 DEGREE C

NONBRITTLE

NOTE: 1.THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND S7011R CAN MEET ASTM D2000 M7GE705 A19 B37 EA14 EO16 EO36 F19 Z1
2.THE COMPOUND IS COMPLY WITH FDA REGULATION ,BUT WE CAN NOT OFFER ANY
APPROVAL OR CERTIFICATION.

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08

