

TEST REPORT

MATERIAL:FDA SIL 50 DURO WHITE

COMPOUND NO. S5011W

A)PHYSICAL PROPERTIES

PRESS CURE @170 DEGREE C X 10MIN

POST CURE @200 DEGREE C X 4 HRS

	REQUIREMENTS	TEST RESULT
HARDNESS,SHORE A	50+/-5	52
TENSILE STRENGTH, MPa.min	5.0	7.5
ELONGATION, % ,min	250	265
SPECIFIC GRAVITY		1.134

B) HEAT RESISTANCE @225 DEGREE C X 70 HRS

HARDNESS CHANGE, PTS	+10	+1
TENSILE STRENGTH CHANGE, %	-25	-24
ELONGATION CHANGE, %	-30	-27

C) COMPRESSION SET

CURING CONDITIONS

PRESS CURE@170 DEGREE C X 20 MIN

POST CURE@200 DEGREE C X 4 HRS

HEAT AGING@ 175 DEGREE C X 22HRS, %,max	25	18
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D) ASTM NO. 1 OIL @ 150 DEGREE C X 70 HRS

HARDNESS CHANGE, POINTS	0~-15	-8
TENSILE STRENGTH CHANGE %	-20	-15
ELONGATION CHANGE, %	-20	-14
VOLUME CHANGE, %	0~+10	+10

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

HARDNESS CHANGE, PTS	-30	-21
VOLUME CHANGE, %	+60	+51

NOTE:1. THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND S5011W CAN MEET ASTM D2000 M5GE505 A19 B37 EO16 EO36
2 .THE COMPOUND IS COMPLY WITH FDA REGULATION ,BUT WE CAN NOT OFFER ANY APPROVAL OR CERTIFICATION.



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Test by:QC08