

TEST REPORT

MATERIAL :FDA SIL 50 DURO BLUE COMPOUND NO. S5011U

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	6.0	7.4
ELONGATION, %,min	250	255
SPECIFIC GRAVITY		1.127

B) HEAT RESISTANCE @ 225 DEGREE C X 70 HRS

HARDNESS CHANGE, PTS	+10	+2
TENSILE STRENGTH CHANGE, %	-25	-12
ELONGATION CHANGE, %	-30	-13

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	12
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D) ASTM NO. 1 OIL @ 150 DEGREE C X 70 HRS

HARDNESS CHANGE, POINTS	0~-15	-6
TENSILE STRENGTH CHANGE %	-20	+1
ELONGATION CHANGE, %	-20	+3
VOLUME CHANGE, %	0~+10	+9

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

HARDNESS CHANGE, PTS	-30	-17
VOLUME CHANGE, %	+60	+52

NOTE:1.THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY. THIS COMPOUND S5011U CAN MEET ASTM D2000 M5GE506 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