

TEST REPORT

MATERIAL : SIL 60 DURO Electricity conductive COMPOUND NO. : S6045B

A) PHYSICAL PROPERTIES

PRESS CURE @ 170 DEGREE C X 10 MIN

POST CURE @ 200 DEGREE C X 4 HRS

HARDNESS , SHORE A

TENSILE STRENGTH, MPa,min

ELONGATION, %,min

SPECIFIC GRAVITY

REQUIREMENTS	TEST RESULT
60+/- 5	63
5.0	6.1
200	207
	1.18

B) HEAT RESISTANCE @225°C X70HRS

HARDNESS CHANGE, POINTS

ENSILE CHANGE, %

ELONGATION CHANGE, %

+10	+0
-25	-8
-30	-19

C) COMPRESSION SET

CURING CONDITIONS

PRESS CURE @ 170 DEGREE C X 12 MIN

POST CURE @ 200 DEGREE C X 4 HRS

HEAT AGING @ 175 DEGREE C X 22 HRS, % ,max

25	22
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D)ASTM NO.1 OIL IMMERSION @150°C X70HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

0~-15	-15
-20	-20
-20	-5
0~+10	+9

E)ASTM IRM 903 OIL IMMERSION @150°C X70HRS

HARDNESS CHANGE , POINTS

VOLUME CHANGE, %

-30	-26
+60	+56

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.

THIS COMPOUND S6045B CAN MEET ASTM D2000 M5GE605 A19 B37 EO16 EO36 Z1

Z1=ELECTRICITY CONDUCTIVE

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Test by:QC08

