



The Manufacturer of Sealing Parts

Escort Seal (Shanghai) Co., Ltd
NO.205 Jiangtian RD(E) Songjiang
Shanghai China
POSTAL CODE: 201613
Tel:(021)57747878
Fax:(021)57747979
Website: http://www.seal.com.tw

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

Table with 2 columns: REQUIREMENTS, TEST RESULT. Rows include values for hardness (60+/- 5, 63), tensile strength (5.0, 6.1), elongation (200, 207), and specific gravity (1.18).

B) HEAT RESISTANCE @225°C X70HRS

HARDNESS CHANGE, POINTS

ENSILE CHANGE, %

ELONGATION CHANGE, %

Table with 2 columns: REQUIREMENTS, TEST RESULT. Rows include values for hardness change (+10, +0), ensile change (-25, -8), and elongation change (-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

Table with 2 columns: REQUIREMENTS, TEST RESULT. Row includes values for heat aging (25, 22).

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

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

Table with 2 columns: REQUIREMENTS, TEST RESULT. Rows include values for hardness change (0~-15, -15), tensile strength change (-20, -20), elongation change (-20, -5), and volume change (0~+10, +9).

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

HARDNESS CHANGE , POINTS

VOLUME CHANGE, %

Table with 2 columns: REQUIREMENTS, TEST RESULT. Rows include values for hardness change (-30, -26) and volume change (+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

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08