



ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : SIL 30 DURO CLEAR

COMPOUND NO. : S3001C

A) PHYSICAL PROPERTIES

PRESS CURE @ 170 DEGREE C X 10MIN

POST CURE @ 200 DEGREE C X 4 HRS

	REQUIREMENT	TEST RESULT
HARDNESS, SHORE A	30+/-5	30
TENSILE STRENGTH, MPa, min	6.0	7.5
ELONGATION, %, min	400	724
SPECIFIC GRAVITY		1.08

B) HEAT RESISTANCE @ 225 DEGREE C X 70 HRS

HARDNESS CHANGE, PTS	+10	+0
TENSILE STRENGTH CHANGE, %	-25	-24
ELONGATION CHANGE, %	-25	-9

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	24
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D) ASTM NO. 1 OIL @ 150 DEGREE C X 70 HRS

HARDNESS CHANGE, POINTS	0~-10	-10
TENSILE STRENGTH CHANGE %	-30	-24
ELONGATION CHANGE, %	-20	-20
VOLUME CHANGE, %	0~+15	+11

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

HARDNESS CHANGE, PTS	--	---
VOLUME CHANGE, %	+60	+60

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND S3001C CAN MEET ASTM D2000 M8GE306 A19 B37 EO16 EO36

QA Manager: Grace Chen

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Test by: QC08

