



The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : FDA FKM 80 GREEN

COMPOUND NO. :V8011G

A)PHYSICAL PROPERTIES:

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @230 DEGREE C X 24HRS

	REQUIREMENT	TEST RESULT
HARDNESS, PTS	80+/5	77
TENSILE STRENGTH, Mpa, min	7.0	13.1
ELONGATION, %,min	150	192
GRAVITY		2.094

B)HEAT AGING @250 DEGREE C X 70 HRS.

HARDNESS CHANGE, POINTS	+10	+3
TENSILE STRENGTH CHANGE, %	-25	+5
ELONGATION CHANGE, %	-25	-3

C)COMPRESSION SET

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 20 MIN

POST CURE @230 DEGREE C X 24HRS

HEAT AGING @175 DEGREE C X 22 HRS, %,max	50	15
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D)FUEL OIL IMMERSION @RT X 70 HRS

HARDNESS CHANGE, POINTS	+ / - 5	- 3
TENSILE STRENGTH CHANGE, %	-25	-21
ELONGATION CHANGE, %	- 20	- 6
VOLUME CHANGE, %	0~+10	+3

NOTE: 1.THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.

THIS COMPOUND V8011G CAN MEET ASTM D2000 M2HK807 A1-10 B37 EF31

2.THE COMPOUND IS COMPLY WITH FDA REGULATION ,BUT WE CAN NOT OFFER ANY APPROVAL OR CERTIFICATION.

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Test by:QC08