

## TEST REPORT

MATERIAL: SILICONE 70 DURO GREEN      COMPOUND:S7049G

SPECIFICATION: PHYSICAL REQUIREMENTS OF ZZ-R-765, CLASS 2A, 2B, GRADE 70

**A) PHYSICAL PROPERTIES**

PRESS CURE @170 DEGREE C X 10MIN)

POST CURE@200 DEGREE C X 4HRS

**REQUIREMENT TEST RESULT**

	2A/2B	
HARDNESS PTS	70±5	69
TENSILE STRENGTH, MPa	4.48	5.3
ELONGATION, %	125 /80	128
SPECIFIC GRAVITY,		1.29

**B) HEAT AGING @225 DEGREE C X 70 HRS**

HARDNESS CHANGE, PTS      ±10      +1.0

TENSILE STRENGTH CHANGE, %      -25      -8.0

ELONGATION CHANGE, %      -40      -29.0

**C) COMPRESSION SET:**

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 20MIN

POST CURE @200 DEGREE C X 4HRS

HEAT AGING@150 DEGREE C X 70 HRS .%      40/25      19

**D) AFTER WATER IMMERSION , 100 DEGREE C X 70 HRS**

VOLUME CHANGE, MAX PERCENT      +5      +4

**E) LOW TEMPERATURE ,BRITTLE POINT      -62.2 deg c      NONBRITTLE**

NOTE: THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY  
THIS COMPOUND S7049G CAN MEET ZZR765-2A/2B

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