

TEST REPORT

MATERIAL : NBR 70 DURO MILK COMPUND NO. : N7001M

A) PHYSICAL PROPERTIES:

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @120 DEGREE C X 1 HR

	REQUIREMENT	TEST RESULT
HARDNESS , SHORE A	70+/-5	71
TENSILE STRENGTH, MPa ,min	7.0	8.9
ELONGATION, %,min	200	561
SPECIFIC GRAVITY		1.58

B)HEAT RESISTANCE @100°C X70HRS

HARDNESS CHANGE, POINTS	+15	+1
TENSILE STRENGTH CHANGE, %	-20	-1
LONGATION CHANGE, %	-40	-5

C)COMPRESSION SET

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 12 MIN

POST CURE @120 DEGREE C X 1 HR

HEAT AGING @100°C X22HRS,max	25	21
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D)ASTM NO.1 OIL IMMERSIONN @100°C X70HRS

HARDNESS CHANGE , POINTS	-5~+15	+3
TENSILE STRENGTH CHANGE, %	-25	+6
ELONGATION CHANGE, %	-45	-11
VOLUME CHANGE, %	-10~+5	-6

E)ASTM IRM 903 OIL IMMERSIONN @100°C X70HRS

HARDNESS CHANGE , POINTS	0~15	-11
TENSILE STRENGTH CHANGE, %	-45	-8
ELONGATION CHANGE, %	-45	-8
VOLUME CHANGE, %	0~+35	+6

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N7001M CAN MEET ASTM D2000 M5BG707 A14 B14 EO14 EO34

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Test by:QC08

