

## TEST REPORT

MATERIAL : NBR 70 DURO FDA+PRO

COMPOUND NO. :N7081B

A) PHYSICAL PROPERTIES:

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @130 DEGREE C X 3 HRS

HARDNESS ,SHORE A

TENSILE STRENGTH, MPa ,min

ELONGATION, %,min

SPECIFIC GRAVITY,

REQUIREMENTS	TEST RESULT
70±5	74
10	12.6
250	360
	1.374

B)B14 COMPRESSION SET

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 20 MIN

POST CURE @120 DEGREE C X 1 HRS

HEAT AGING@100°C X22HRS

25 16

C)A25 HEAT RESISTANCE @125°C X70HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

0~ +15 +6  
-25 +4  
-50 -31

D)EO14 ASTM NO.1 OIL IMMERSIONN @125°C X70HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

0~+10 +5  
-20 +14  
-35 -18  
-15~+5 -4

E)EO34 ASTM IRM 903 OIL IMMERSIONN @125°C X70HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

+/-10 -2  
-15 -14  
-30 -30  
0~+25 +6

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

THIS COMPOUND N7081B CAN MEET ASTM D2000 M2CH710 A25 B14 EO15 EO35 Z1  
(Z1=FDA+PEROXIDE)

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