ESCORT SEAL
The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : NBR 70 DURO BROWN COMPUND NO. : N7001N

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	75
TENSILE STRENGTH, MPa, min	10	13.6
ELONGATION, %,min	250	443
SPECIFIC GRAVITY		1.399
B)HEAT RESISTANCE @100℃X70HRS		
HARDNESS CHANGE, POINTS	+/-15	-2
TENSILE STRENGTH CHANGE, %	-20	+2
LONGATION CHANGE, %	-40	+2
C)COMPRESSION SET		
CURING CONDITIONS		
PRESS CURE @170 DEGREE C X 12 MIN		
POST CURE @120 DEGREE C X 1 HR		
HEAT AGING @100℃X22HRS ,maxd	25	19
D)ASTM NO.1 OIL IMMERSIONN @100℃X70HRS		
HARDNESS CHANGE , POINTS	-5~+15	+1
TENSILE STRENGTH CHANGE, %	-25	+8
ELONGATION CHANGE, %	-45	-10
VOLUME CHANGE, %	-10~+5	-3
E)ASTM IRM 903 OIL IMMERSIONN @100℃X70HRS		
HARDNESS CHANGE , POINTS	0~-15	-11
TENSILE STRENGTH CHANGE, %	-45	-11
ELONGATION CHANGE, %	-45	−12
VOLUME CHANGE, %	0~+35	+12

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N7001N CAN MEET ASTM D2000 M5BG710 A14 B14 EO14 EO34

QA Manager: Grace Chen QC.Dept:Dolly Zhou Test by:QC08

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