ESCORT SEAL
The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : NBR 70 DURO FDA WHITE COMPUND NO. : N7011W

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 硬度	70+/-5	74
TENSILE STRENGTH, MPa ,min 拉力強度	10	17.0
ELONGATION, %,min 延伸率	250	427
SPECIFIC GRAVITY 比重		1.444
B)HEAT RESISTANCE @100℃X70HRS 老化試驗		
HARDNESS CHANGE, POINTS 硬度變化	+/-15	+4
TENSILE STRENGTH CHANGE, % 拉力強度變化率	-20	+3
LONGATION CHANGE, % 延伸率變化率	-40	+3
C)COMPRESSION SET 壓縮永久變形試驗		
CURING CONDITIONS		
PRESS CURE @170 DEGREE C X 12 MIN		
POST CURE @120 DEGREE C X 1 HR		
HEAT AGING @100℃X22HRS ,max	25	17
D)ASTM NO.1 OIL IMMERSIONN @100℃X70HRS 耐 1#油試驗		
HARDNESS CHANGE , POINTS 硬度變化	-5~+15	+3
TENSILE STRENGTH CHANGE, % 拉力強度變化率	-25	+5
ELONGATION CHANGE, % 延伸率變化率	-45	+2
VOLUME CHANGE, %體積變化率	-10~+5	-4
E)ASTM IRM 903 OIL IMMERSIONN @100℃X70HRS 耐 3#油試驗		
HARDNESS CHANGE , POINTS 硬度變化	0~-15	-5
TENSILE STRENGTH CHANGE, % 拉力強度變化率	-45	-2
ELONGATION CHANGE, % 延伸率變化率	-45	+2
VOLUME CHANGE, %體積變化率	0~+35	+8

NOTE:1.THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N7011W CAN MEET ASTM D2000 M5BG710 A14 B14 EO14 EO34
2.THE COMPOUND IS COMPLY WITH FDA REGULATION ,BUT WE CAN NOT OFFER ANY APPROVAL OR CERTIFICATION.

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

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