



ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : FDA EP 40 DURO BLACK

COMPOUND NO. E4011B

A) PHYSICAL PROPERTIES (PRESS CURE @170DEGREE C X 10MIN)	REQUIREMENTS	TEST RESULT
HARDNESS SHORE A 硬度	40+/-5	44
TENSILE STRENGTH, MPa ,min 拉力強度	7.0	12.1
ELONGATION, % ,min 延伸率	400	478
SPECIFIC GRAVITY 比重		1.04
B) HEAT AGING @125 DEGREE C X 70 HRS 老化試驗		
HARDNESS CHANGE, POINTS 硬度 變化	+10	+2
TENSILE STRENGTH CHANGE, % 拉力強度變化率	-20	+7
ELONGATION CHANGE, % 延伸率變化率	-40	-3
C) COMPRESSION SET 壓縮永久變形試驗		
HEAT AGING @ 125 DEGREE C X 22 HRS % ,max	70	10

NOTE:1. THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND E4011B CAN MEET ASTM D2000 M2CA407 A25 B35 Z1 (Z1=FDA GRADE)
2.THE COMPOUND IS COMPLY WITH FDA REGULATION ,BUT WE CAN NOT OFFER ANY APPROVAL OR CERTIFICATION.



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Test by:QC08