



# ESCORT SEAL

The Manufacturer of Sealing Parts

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## TEST REPORT

MATERIAL : FDA EP 50 DURO BLACK

COMPOUND NO. E5011B

Test date:2023/2/10

A) PHYSICAL PROPERTIES (PRESS CURE @ 170DEGREE C X 10MIN)	REQUIREMENTS	TEST RESULT
HARDNESS SHORE A 硬度	50+/-5	55
TENSILE STRENGTH, MPa ,min 拉力強度	10	19.3
ELONGATION, %,min 延伸率	300	557
SPECIFIC GRAVITY 比重		1.167
B) HEAT AGING @ 125 DEGREE C X 70 HRS 老化試驗		
HARDNESS CHANGE, POINTS 硬度變化	+10	+3
TENSILE STRENGTH CHANGE, % 拉力強度變化率	-20	-19
ELONGATION CHANGE, % 延伸率變化率	-40	-33
C) COMPRESSION SET 壓縮永久變形試驗		
HEAT AGING @ 125 DEGREE C X 22 HRS % ,max	70	62

NOTE:1.THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
THIS COMPOUND E5011B CAN MEET ASTM D2000 M4CA510 A25 B35  
2. THE COMPOUND IS COMPLY WITH FDA REGULATION ,BUT WE CAN NOT OFFER ANY APPROVAL OR CERTIFICATION.



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Test by:QC08