



# ESCORT SEAL

The Manufacturer of Sealing Parts

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MATERIAL : EP 70 DURO BLACK HIGH STRENGTH      COMPOUND NO. : E7039B

A) PHYSICAL PROPERTIES (PRESS CURE @170 DEGREE C X 10MIN )	Requirement	Test result
HARDNESS SHORE A	70+/-5	70
TENSILE STRENGTH, MPa ,min	14.0	15.3
ELONGATION, %,min	200	389
SPEICFIC GRAVITY,		1.113
B) HEAT AGING @125 DEGREE C X 70 HRS		
HARDNESS CHANGE, POINTS	+10	+2
TENSILE STRENGTH CHANGE, %	-25	-1
ELONGATION CHANGE, %	-40	-22
C) COMPRESSION SET		
HEAT AGING @ 125 DEGREE C X 22 HRS % ,max	70	49
D)LOW TEMPERATURE BRITTLNESS		
TESTS AFTER 3MIN AT -40 DEGREE C	pass	NONBRITTLE

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
THIS COMPOUND E7039B CAN MEET ASTM D2000 M4CA714 A25 B35 F17 Z1(Z1=HIGH STRENGTH)



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Test by:QC08