

**TEST REPORT**

MATERIAL :AEM 70 DURO BLACK

COMPOUND NO:M7001B

A)PHYSICAL PROPERTIES (PRESS CURE @ 170DEGREE C X 10 MIN)	REQUIREMENT	TEST RESULT
HARDNESS SHORE A 硬度	70+/-5	74
TENSILE STRENGTH, Mpa ,min 拉力强度	10.0	18.0
ELONGATION, %,min 延伸率	200	217
SPECIAL GRAVITY, 比重		1.205
B)HEAT AGING @ 175 DEGREE C X 168 HRS 老化试验		
HARDNESS CHANGE , POINTS 硬度变化	+20	+6
TENSILE STRENGTH CHANGE , % 拉力强度变化率	-30	-2
ELONGATION CHANGE , % 延伸率变化率	-65	+0
C)COMPRESSION SET 压缩永久变形试验		
HEAT AGING @ 175 DEGREE C X 22 HRS % ,max	75	15
D)FLUID RESISTANCE,TEST METHOD NO.1.OIL @ 150DEGREE C X 70H 耐 1#油试验		
HARDNESS CHANGE, POINTS 硬度变化	-10~+5	+1
TENSILE STRENGTH CHANGE , % 拉力强度变化率	-25	+0
ELONGATION CHANGE , % 延伸率变化率	-35	+0
VOLUME CHANGE, % 体积变化率	+/-10	+5
E) FLUID RESISTANCE,TEST METHOD NO.3.OIL @150DEGREE C X 70H 耐 3#油试验		
TENSILE STRENGTH CHANGE , % 拉力强度变化率	-50	-43
ELONGATION CHANGE , %延伸率变化率	-50	-33
VOLUME CHANGE, % 体积变化率	+60	+46

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY  
THIS COMPOUND M7001B CAN MEET ASTM D2000 M4EE710 A47 B37 B46 EO16 EO36



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Test by:QC08