

**TEST REPORT**

MATERIAL :AEM 60 DURO BLACK

COMPOUND NO:M6001B

A)PHYSICAL PROPERTIES (PRESS CURE @ 170DEGREE C X 10 MIN)	REQUIREMENT	TEST RESULT
HARDNESS SHORE A	60+/-5	64
TENSILE STRENGTH, Mpa ,min	6.0	17.1
ELONGATION, %,min	200	272
SPECIAL GRAVITY,		1.174
B)HEAT AGING @ 175 DEGREE C X 168 HRS		
HARDNESS CHANGE , POINTS	+20	+10
TENSILE STRENGTH CHANGE , %	-30	-4
ELONGATION CHANGE , %	-65	-24
C)COMPRESSION SET		
HEAT AGING @ 175 DEGREE C X 22 HRS % ,max	75	17
D)FLUID RESISTANCE,TEST METHOD NO.1.OIL @ 150DEGREE C X 70H		
HARDNESS CHANGE, POINTS	-10~+5	+0
TENSILE STRENGTH CHANGE , %	-25	-12
ELONGATION CHANGE , %	-35	-12
VOLUME CHANGE, %	+/-10	+6
E) FLUID RESISTANCE,TEST METHOD NO.3.OIL @150DEGREE C X 70H		
TENSILE STRENGTH CHANGE , %	-50	-49
ELONGATION CHANGE , %	-50	-42
VOLUME CHANGE, %	+60	+53

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY  
THIS COMPOUND M6001B CAN MEET ASTM D2000 M4EE606 A47 B37 B46 EO16 EO36

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08

