

TEST REPORT

MATERIAL :ACR 60 DURO

COMPOUND NO:A6001B

A)PHYSICAL PROPERTIES (PRESS CURE @ 170DEGREE C X 10 MIN)	REQUIREMENT	TEST RESULT
HARDNESS SHORE A	60+/-5	64
TENSILE STRENGTH, Mpa ,min	9.0	11.5
ELONGATION, %,min	150	221
SPECIAL GRAVITY,		1.309
B)HEAT AGING @ 175 DEGREE C X 70 HRS		
HARDNESS CHANGE , POINTS	+10	+6
TENSILE STRENGTH CHANGE , %	-30	-3
ELONGATION CHANGE , %	-40	-18
C)COMPRESSION SET		
HEAT AGING @ 175 DEGREE C X 22 HRS % ,max	60	21
D)FLUID RESISTANCE,TEST METHOD NO.1.OIL @ 150DEGREE C X 70H		
HARDNESS CHANGE, POINTS	-5~+5	+1
TENSILE STRENGTH CHANGE , %	-20	+0
ELONGATION CHANGE , %	-30	-24
VOLUME CHANGE, %	+/-5	-1
E) FLUID RESISTANCE,TEST METHOD NO.3.OIL @150DEGREE C X 70H		
HARDNESS CHANGE, POINTS	-20	-12
TENSILE STRENGTH CHANGE , %	-40	-20
ELONGATION CHANGE , %	-30	-21
VOLUME CHANGE, %	+25	+14
F) LOW TEMPERATURE BRITTLINESS		
TESTS AFTER 3MIN AT -18 DEGREE C	NONBRITTLE	

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND A6001B CAN MEET ASTM D2000 M3EH609 A27 B17 EO16 EO36 F14

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Test by:QC08