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The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL :ACR 50 DURO COMPOUND NO:A5001B

A)PHYSICAL PROPERTIES (PRESS CURE @ 170DEGREE C X 10 MIN)	REQUIREMENT	TEST RESULT
HARDNESS SHORE A	50+/-5	55
TENSILE STRENGTH, Mpa ,min	8.0	9.7
ELONGATION, %,min	175	260
SPECIAL GRAVITY,		1.301
B)HEAT AGING @ 175 DEGREE C X 70 HRS		
HARDNESS CHANGE , POINTS	+10	+9
TENSILE STRENGTH CHANGE , %	-30	+19
ELONGATION CHANGE , %	-40	-9
C)COMPRESSION SET		
HEAT AGING @ 175 DEGREE C X 22 HRS % ,max	60	25
D)FLUID RESISTANCE,TEST METHOD NO.1.OIL @ 150DEGREE C X 70H		
HARDNESS CHANGE, POINTS	-5~+5	+5
TENSILE STRENGTH CHANGE , %	-20	+22
ELONGATION CHANGE , %	-30	-17
VOLUME CHANGE, %	+/-5	-5
E) FLUID RESISTANCE,TEST METHOD NO.3.OIL @150DEGREE C X 70H		
HARDNESS CHANGE, POINTS	-20	-7
TENSILE STRENGTH CHANGE , %	-40	-1
ELONGATION CHANGE , %	-30	+0
VOLUME CHANGE, %	+25	+9

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND A5001B CAN MEET ASTM D2000 M3EH508 A27 B17 EO16 EO36

QA Manager: Grace Chen **QC.Dept:Dolly Zhou** **Test by:QC08**