

TEST REPORT

MATERIAL : EP 50 DURO BLACK PEROXIDE

COMPOUND NO. E5021B

A) PHYSICAL PROPERTIES (PRESS CURE @170DEGREE C X 10MIN)	REQUIREMENTS	TEST RESULT
HARDNESS SHORE A	50+/-5	53
TENSILE STRENGTH, MPa .min	10	10.4
ELONGATION, % ,min	300	394
SPECIFIC GRAVITY		1.028
B) HEAT AGING @150 DEGREE C X 70 HRS		
HARDNESS CHANGE, POINTS	+10	+3
TENSILE STRENGTH CHANGE, %	-20	+0
ELONGATION CHANGE, %	-20	-4
C) COMPRESSION SET		
HEAT AGING @ 150 DEGREE C X 22 HRS % ,max	40	26

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND E5021B CAN MEET ASTM D2000 M2DA510 A26 B36 Z1(Z1=PEROXIDE)

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Test by:QC08