

TEST REPORT

MATERIAL : AFLAS 80 DURO BLACK COMPOUND NO. : L8J01B

A)PHYSICAL PROPERTIES:

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @230 DEGREE C X 24HRS

	REQUIREMENT	TEST RESULT
HARDNESS, IRHD	80+/-5	81.2
TENSILE STRENGTH, MPa	10	13.7
ELONGATION, %	150	151
SPECIFIC GRAVITY		1.554

B)HEAT AGING @250 DEGREE C X 70 HRS.

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

	+ 10	+ 1
	-25	-3
	-25	+0.7

C)COMPRESSION SET

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 20 MIN

POST CURE @230 DEGREE C X 24HRS

HEAT AGING @ 175 DEGREE C X 22 HRS, %	50	11
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D) FUEL OIL IMMERSION @RT X 70 HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

	+ / - 5	- 4
	-25	-7
	-20	-12
	0~+10	+6

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND L8J01B CAN MEET ASTM D2000 M2HK810 A1-10 B37 EF31Z1(Z1=IRHD)



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Test by:QC08