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VITON 70 BLACK

TEST REPORT

A	COLOUR	BLACK		
B	OPERATING TEMP RANGE	(-) 25 TO (+) 200 DEG C		
C	COMPLYS TO	ASTM D2000 M2HK810 A1-10 B37 EF31		
D	PHYSICAL PROPERTIES	PRESS CURE @ 170 DEG C X 10 MIN POST CURE @ 230 DEG C X 24 HOURS		
			REQUIREMENTS	RESULTS
		HARDNESS SHORE A	75 (+ OR - 5)	72
		TENSILE STRENGTH MPA	10	12.3
		ELONGATION %	150	226
		SPECIFIC GRAVITY		1.834
E	HEAT RESISTANCE	TESTED AT 250 DEG C FOR 70 HOURS		
		HARDNESS CHANGE (POINTS)	(+10)	(+2)
		TENSILE STRENGTH CHANGE %	(-)25	(-)9
		ELONGATION CHANGE %	(-)25	(-)14
F	COMPRESSION SET	CURING CONDITIONS		
		PRESS CURE @ 170 DEG C X 20 MINS		
		POST CURE @ 230 DEG C X 24 HOURS		
		HEAT AGING @ 175 DEG C X 22 HOURS %	50	13
G	ASTM NO 1	OIL IMMERSION @ RT X 70 HOURS		
		HARDNESS CHANGE (POINTS)	(+ OR (-) 5	(-)5
		TENSILE STRENGTH CHANGE %	(-)25	(-)14
		ELONGATION STRENGTH CHANGE %	(-)20	(-)9
		VOLUME CHANGE %	0 TO (+)10	(+8)

PLEASE NOTE THAT THESE RESULTS ARE FOR REFERENCE PURPOSES ONLY AND EDCO SEAL AND SUPPLY LTD MAKES NO WARRANTY, EXPRESSED OR IMPLIED, THAT PARTS MANUFACTURED IN THIS COMPOUND WILL PERFORM SATISFACTORILY IN THE CUSTOMERS APPLICATION. IT IS THE CUSTOMERS RESPONSIBILITY TO TEST PARTS PRIOR TO USE.