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## VITON 75 BROWN

### TEST REPORT

A	COLOUR	BROWN		
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		
			<u>REQUIREMENTS</u>	<u>RESULTS</u>
		HARDNESS SHORE A	75 (+ OR - 5)	77
		TENSILE STRENGTH MPA	10	11.8
		ELONGATION %	175	198
		SPECIFIC GRAVITY		2.121
E	HEAT RESISTANCE	TESTED AT 250 DEG C FOR 70 HOURS		
		HARDNESS CHANGE (POINTS)	(+10)	(+4)
		TENSILE STRENGTH CHANGE %	(-)25	(+6)
		ELONGATION CHANGE %	(-)25	(-9)
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	11
G	ASTM NO 1	OIL IMMERSION @ RT X 70 HOURS		
		HARDNESS CHANGE (POINTS)	(+) OR (-) 5	(-3)
		TENSILE STRENGTH CHANGE %	(-)25	(-)18
		ELONGATION STRENGTH CHANGE %	(-)20	(+11)
		VOLUME CHANGE %	0 TO (+)10	(+4)

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.