

VITON 75 GFLT

TEST REPORT

A	COLOUR	BLACK		
B	OPERATING TEMP RANGE	(-) 40 TO (+) 200 DEG C		
C	COMPLYS TO	ASTM D2000 M2HK710 A1-10 B37 EF31 F17		
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)	74
		TENSILE STRENGTH MPA	10	15.8
		ELONGATION %	175	180
		SPECIFIC GRAVITY		1.872
E	HEAT RESISTANCE	TESTED AT 250 DEG C FOR 70 HOURS		
		HARDNESS CHANGE (POINTS)	(+10)	(+1)
		TENSILE STRENGTH CHANGE %	(-)25	(-)1
		ELONGATION CHANGE %	(-)25	(+)50
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	10
G	ASTM NO 1	OIL IMMERSION @ 23 DEG C X 70 HOURS		
		HARDNESS CHANGE (POINTS)	(+) OR (-) 5	(-)4
		TENSILE STRENGTH CHANGE %	(-)25	(-)23
		ELONGATION STRENGTH CHANGE %	(-)25	(-)11
		VOLUME CHANGE %	0 TO (+)10	(+)1
L	LOW TEMP BRITTLENESS	TESTS @ (-)40 DEG C FOR 3 MINS		NON BRITTLE

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