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VITON 75 GF

TEST REPORT

A	COLOUR	BLACK		
B	OPERATING TEMP RANGE	(-) 25 TO (+) 200 DEG C		
C	COMPLYS TO	ASTM D2000 M2HK814 A1-10 B37 EF31 E078 F16 Z1 (Z1=GF GRADE)		
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)	76
		TENSILE STRENGTH MPA	14	18.7
		ELONGATION %	150	283
		SPECIFIC GRAVITY		1.867
E	HEAT RESISTANCE	TESTED AT 250 DEG C FOR 70 HOURS		
		HARDNESS CHANGE (POINTS)	(+10)	(+1)
		TENSILE STRENGTH CHANGE %	(-)25	(+7)
		ELONGATION CHANGE %	(-)25	(-4)
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	9
G	ASTM NO 1	OIL IMMERSION @ 200 DEG C X 70 HOURS		
		HARDNESS CHANGE (POINTS)	(-)15 TO (+)5	(-)7
		TENSILE STRENGTH CHANGE %	(-)40	(-)25
		ELONGATION STRENGTH CHANGE %	(-)20	(-)12
		VOLUME CHANGE %	0 TO (+)15	(+10)
H	FUEL C	OIL IMMERSION @ RT X 70 HOURS		
		HARDNESS CHANGE POINTS	+)(-5	(-)2
		TENSILE STRENGTH CHANGE %	(-)25	(-)11
		ELONGATION STRENGTH CHANGE %	(-)20	(-)10
		VOLUME CHANGE %	0 TO (+)10	(+3)
		LOW TEMP BRITTLENESS TESTS AFTER 3 MINS @ -35 DEG C	NON BRITTLE	

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.