

**VITON 75 B**

**TEST REPORT**

<b>A</b>	<b>COLOUR</b>	<b>BLACK</b>		
<b>B</b>	<b>OPERATING TEMP RANGE</b>	<b>(-) 25 TO (+) 200 DEG C</b>		
<b>C</b>	<b>COMPLYS TO</b>	<b>ASTM D2000 M2HK710 A1-10 B37 EF31 EO78 F16 Z1 (Z1=B GRADE)</b>		
<b>D</b>	<b>PHYSICAL PROPERTIES</b>	<b>PRESS CURE @ 170 DEG C X 10 MIN POST CURE @ 230 DEG C X 24 HOURS</b>		
			<b><u>REQUIREMENTS</u></b>	<b><u>RESULTS</u></b>
		HARDNESS SHORE A	75 (+ OR - 5)	76
		TENSILE STRENGTH MPA	10	11.2
		ELONGATION %	175	403
		SPECIFIC GRAVITY		1.855
<b>E</b>	<b>HEAT RESISTANCE</b>	<b>TESTED AT 250 DEG C FOR 70 HOURS</b>		
		HARDNESS CHANGE (POINTS)	(+10)	(+3)
		TENSILE STRENGTH CHANGE %	(-)25	(-)5
		ELONGATION CHANGE %	(-)25	(-)24
<b>F</b>	<b>COMPRESSION SET</b>	<b>CURING CONDITIONS</b>		
		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	19
<b>G</b>	<b>ASTM NO 1</b>	<b>OIL IMMERSION @ 200 DEG C X 70 HOURS</b>		
		HARDNESS CHANGE (POINTS)	+)(-5	(-)3
		TENSILE STRENGTH CHANGE %	(-)25	(-)12
		ELONGATION STRENGTH CHANGE %	(-)20	(-)18
		VOLUME CHANGE %	0 TO (+)10	(+5)
		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.**