

RED SILICONE 70

TEST REPORT

A	COLOUR	RED		
B	OPERATING TEMP RANGE	(-) 50 TO (+) 230 DEG C		
C	COMPLYS TO	ASTM D2000 M7GE705 A19 B37 EA14 EO16 EO36 F19		
D	PHYSICAL PROPERTIES	PRESS CURE @ 170 DEG C X 10 MIN POST CURE @ 200 DEG C X 4 HOURS		
			<u>REQUIREMENTS</u>	<u>RESULTS</u>
		HARDNESS SHORE A	70 (+ OR - 5)	73
		TENSILE STRENGTH MPA	5	5.7
		ELONGATION %	150	266
		SPECIFIC GRAVITY		1.292
E	HEAT RESISTANCE	TESTED AT 225 DEG C FOR 70 HOURS		
		HARDNESS CHANGE (POINTS)	(+10)	(+4)
		TENSILE STRENGTH CHANGE %	(-)25	0
		ELONGATION CHANGE %	(-)30	(-)3
F	COMPRESSION SET	CURING CONDITIONS		
		PRESS CURE @ 170 DEG C X 20 MINS POST CURE @ 200 DEG C X 4 HOUR HEAT AGING @ 175 DEGC X 22 HOURS %	30	9
G	ASTM NO 1	WIL IMMERSION @ 150 DEG C X 70 HOURS		
		HARDNESS CHANGE (POINTS)	0 TO (-) 15	(-)3
		TENSILE STRENGTH CHANGE %	(-)20	(-)3
		ELONGATION STRENGTH CHANGE %	(-)20	(-)7
		VOLUME CHANGE %	0 TO (+)15	(+4)
H	ASTM NO 3	DIL IMMERSION @ 150 DEG C 70 HOURS		
		HARDNESS CHANGE (POINTS)	(-)40	(-)5
		VOLUME CHANGE %	(+60)	(+18)
I	WATER RESISTANCE	TESTED @ 100 DEG C X 70 HOURS		
		HARDNESS CHANGE POINTS	+)(-5	(+2
		VOLUME CHANGE %	+)(-5	(+3
L	LOW TEMP BRITTLENESS	TESTS @ (-)55 DEG C FOR 3 MINS		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.