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MATERIALS TEST REPORT

V7010 (FKM 70SH YELLOW) COMPOUND

ASTM D2000 M2HK 710 A1-10   B38 EO78 EF31 F13

Press Cure	Post Cure		
Sheet : 10min 170℃	**Sheet : 16 hrs230℃**		
Button : 10 min 170℃	**Button : 16 hrs 230℃**		

ORIGINAL PROPERTIES	SPECIFICATION	TEST RESULT	ASTM TEST
HARDNESS SHORE A	70°±5	71	D2240
TENSILE STRENGTH, MPA, MIN	≥10	10.43	D412
ULTIMATE ELONGATION, ％, MIN	≥175	250.17	D412
SPECIFIC GRAVITY (g/cm^3)		1.85	D297
HEAT RESISTANCE 70 H . AT 250℃（A1-10）			D573
CHANGE IN HARDNESS, POINTS	+10	+2	
CHANGE IN TENSILES STRENGTH, %	-25	+20.90	
CHANGE IN ULTIMATE ELONGATION,MAX %	-25	-15.72	
COMPRESSION SET, MAX, 22H AT 200℃（B38 ）	≤30	16.23	D395
FLUID RESISTANCE FUEL.101. 70H AT 200℃ (EO78)			D471
CHANGE IN HARDNESS, POINTS	-15~+5	-8	
CHANGE IN TENSILES STRENGTH, MAX %	-40	-22.3	
CHANGE IN ULTIMATE ELONGATION,MAX %	-20	-10.59	
CHANGE IN VOLUME %	0~+15	+6.87	
FLUID RESISTANCE FUEL C, 70H AT 23℃(EF31)			D471
CHANGE IN HARDNESS, POINTS	±5	-3	
CHANGE IN TENSILES STRENGTH, MAX %	-25	-12.6	
CHANGE IN ULTIMATE ELONGATION,MAX %	-20	13.8	
CHANGE IN VOLUME %	0~+10	+3.9	
LOW-TEMPERATURE BRITTLENESS NONBRITTLE			
AFTER 3MIN AT -10°C (F13)	NONBRITTLE	PASS	D2137

Remark:
1. The data are based on testing slabs I buttons and are for reference purpose only..
2. Our compound can meet above -mentioned ASTM 2000 Spec.
3. This information is, to the best of our knowledge, accurate reliable to the date indicated.
4. The above mentioned data have been obtained by tests we consider as reliable, We don't assure that
  - the same results can be obtained other laboratories, using different conditions by the preparation and
   -evaluation of the samples.

Approved By	**Frankie Fang**	Checked By:	**Yunli Tu**	Tested By:	**Jianjun Zhu**

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