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MATERIALS TEST REPORT

FKM75 BLACK TV (V7501TA)COMPOUND

ASTM D2000 M2HK 7510 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 METHOD	
HARDNESS SHORE A	75°±5	77	D2240	
TENSILE STRENGTH, MPA, MIN	≥10	10.82	D412	
ULTIMATE ELONGATION, ％, MIN	≥150	175.13	D412	
SPECIFIC GRAVITY (g/cm^3)		1.89	D297	
HEAT RESISTANCE 70 H . AT 250℃ (A1-10)			D573	
CHANGE IN HARDNESS, POINTS	+10	+2		
CHANGE IN TENSILES STRENGTH, %	-25	+27.21		
CHANGE IN ULTIMATE ELONGATION,MAX %	-25	+10.51		
COMPRESSION SET, MAX, 22H AT 200℃ (B38)	≤30	15.91	D395	
FLUID RESISTANCE FUEL.101. 70H AT 200℃ (EO78)			D471	
CHANGE IN HARDNESS, POINTS	-15~+5	-11		
CHANGE IN TENSILES STRENGTH, MAX %	-40	-22.3		
CHANGE IN ULTIMATE ELONGATION,MAX %	-20	-7.2		
CHANGE IN VOLUME %	0~+15	+12.9		
FLUID RESISTANCE FUEL C, 70H AT 23℃ (EF31)			D471	
CHANGE IN HARDNESS, POINTS	±5	-3		
CHANGE IN TENSILES STRENGTH, MAX %	-25	-18.4		
CHANGE IN ULTIMATE ELONGATION,MAX %	-20	-15.5		
CHANGE IN VOLUME %	0~+10	+4.3		
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**