



**SHANGRAO RUICHEN SEALING CO.,LTD**  
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**MATERIALS TEST REPORT**

**EPDM70 BLACK DT3-DT4(E7001DT3-DT4) COMPOUND**

**ASTM D2000 M3DA 710 A26 B36 EA14 DT3-DT4 F19 Z**

Press Cure	Post Cure		
Sheet : 7min 170°C	Sheet : 1 hrs 150°C		
Button : 10 min 170°C	Button : 1 hrs 150°C		
ORIGINAL PROPERTIES	SPECIFICATION	TEST RESULT	ASTM TEST METHOD
HARDNESS SHORE A	70°±5	71	D2240
TENSILE STRENGTH, MPA, MIN	≥10	10.94	D412
ULTIMATE ELONGATION, %, MIN	≥200	175.34	D412
SPECIFIC GRAVITY (g/cm <sup>3</sup> )		1.08	D297
HEAT RESISTANCE 70 H . AT 150°C(A26)			D865
CHANGE IN HARDNESS, POINTS	+10	+2	
CHANGE IN TENSILES STRENGTH, %	-20	+15.54	
CHANGE IN ULTIMATE ELONGATION,MAX %	-20	+14.56	
COMPRESSION SET, MAX, 22H AT150°C(B36)	≤25	19.09	D395
SYNTHETIC BRAKA FLUID,TESTING,72H AT80°C			
VOLUME CHAGE,%	-5	+3.03	
LUBRICATING GREASE,TESTING,72HAT120°C			
VOLUME CHAGE,%	( -5~+5 )	+1.83	
WATER RESISTANCE:100°C,70H (EA14)			
VOLUME CHAGE,%	( -5~+5 )	+3.7	D471
LOW-TEMPERATURE BRITTLNESS NONBRITTLE			
AFTER 3MIN AT -55°C (F19)	NONBRITTLE	PASS	D2137

**Remark:**

- The data are based on testing slabs l buttons and are for reference purpose only..
- Our compound can meet above -mentioned ASTM 2000 Spec.
- This information is, to the best of our knowledge, accurate reliable to the date indicated.
- 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:		Checked By:	Yunli Tu	Tested By:	Jianjun Zhu
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