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MATERIALS TEST REPORT

EPDM70 BLACK NQ(E7501NQ) COMPOUND

ASTM D2000 M3CA 7510 A25 B35 C32 EA14 F17

Press Cure		Post Cure		
Sheet : 7min 170°C		Sheet : 1 hrs 125°C		
Button : 10 min 170°C		Button : 1 hrs 125°C		
ORIGINAL PROPERTIES	SPECIFICATION	TEST RESULT	ASTM TEST METHOD	
HARDNESS SHORE A	75±5	71	D2240	
TENSILE STRENGTH, MPA, MIN	≥10	12.92	D412	
ULTIMATE ELONGATION, %, MIN	≥200	206.56	D412	
SPECIFIC GRAVITY (g/cm ³)		1.08	D297	
HEAT RESISTANCE 70 H . AT 125°C(A25)			D865	
CHANGE IN HARDNESS, POINTS	+10	+1		
CHANGE IN TENSILES STRENGTH, %	-20	+8.28		
CHANGE IN ULTIMATE ELONGATION,MAX %	-40	+7.85		
COMPRESSION SET, MAX, 22H AT 125°C(B35)	≤70	52.05	D395	
RESISTANCE TO OZONE , TEST METHOD D 1171,(C32)				
EXPOSURE METHOD B		PASS	D1171	
WATER RESISTANCE:100°C,70H (EA14)				
VOLUME CHAGE,%	±5	+2.6	D471	
LOW-TEMPERATURE BRITTLENESS NONBRITTLE				
AFTER 3MIN AT -40°C (F17)	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:		Checked By:	Yunli Tu	Tested By:	Jianjun Zhu
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