



SHANGRAO RUICHEN SEALING CO.,LTD
DONGGUAN RUICHEN SEALING CO.,LTD

Address: Road 8.Yanshan Industrial Estate, Shangrao City, 334500, Jiangxi Prov., CHINA
 Tel: +86-18024335478 E-mail: aaron@dgork.com

MATERIALS TEST REPORT

EPDM80 BLACK WRC(E8001WRC) COMPOUND

ASTM D2000 M3DA 810 A26 B36 C32 EA14 F19

Press Cure		Post Cure		
Sheet : 7min 170°C		Post Cure		
Button : 10 min 170°C		Button : 1 hrs 150°C		
ORIGINAL PROPERTIES	SPECIFICATION	TEST RESULT	ASTM TEST METHOD	
HARDNESS SHORE A	80°±5	80	D2240	
TENSILE STRENGTH, MPA, MIN	≥10	13.00	D412	
ULTIMATE ELONGATION, %, MIN	≥150	257.28	D412	
SPECIFIC GRAVITY (g/cm ³)		1.20	D297	
HEAT RESISTANCE 70 H . AT 150°C (A26)			D865	
CHANGE IN HARDNESS, POINTS	+10	+6		
CHANGE IN TENSILES STRENGTH, %	-20	-16.00		
CHANGE IN ULTIMATE ELONGATION,MAX %	-20	-14.95		
COMPRESSION SET, MAX, 22H AT150°C (B36)	≤25	19.80	D395	
RESISTANCE TO OZONE , TEST METHOD D 1171,(C32)			D1171	
EXPOSURE METHOD B		PASS		
WATER RESISTANCE:100°C,70H (EA14)				
VOLUME CHAGE,%	(-5~+5)	+3.6	D471	
LOW-TEMPERATURE BRITTLNESS NONBRITTLE				
AFTER 3MIN AT -55°C (F19)	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
--------------	--	-------------	----------	------------	-------------