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MATERIALS TEST REPORT

E8001PF COMPOUND

ASTM D2000 M3DA 810 A26 B36 C32 EA14 F19

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 【基本物性】	SPECIFICATION (規格值)	TEST RESULT (試驗結果)	ASTM TEST METHOD
HARDNESS SHORE A 【硬度】	80±5	81	D2240
TENSILE STRENGTH, MPA, MIN 【拉伸強度】	≥10	15.8	D412
ULTIMATE ELONGATION, %, MIN 【拉伸伸長率】	≥150	257.81	D412
SPECIFIC GRAVITY (g/cm³) 【比重】		1.19	D297
HEAT RESISTANCE 70 H. AT 150°C 【耐熱老化】 (A26)			D865
CHANGE IN HARDNESS, POINTS 【硬度變化】	+10	+2	
CHANGE IN TENSILES STRENGTH, % 【拉伸強度變化】	-20	-18.29	
CHANGE IN ULTIMATE ELONGATION, MAX % 【伸長率變化】	-20	-6.07	
COMPRESSION SET, MAX, 22H AT150°C 【壓縮永久變形】 (B36)	≤25	19.15	D395
RESISTANCE TO OZONE , TEST METHOD D 1171, 【臭氧測試】 (C32)			D1171
EXPOSURE METHOD B		PASS	
WATER RESISTANCE:100°C,70H 【耐水測試】 (EA14)			
VOLUME CHAGE,% 【體積變化】	(-5~+5)	+3.2	D471
LOW-TEMPERATURE BRITTLNESS NONBRITTLE			
AFTER 3MIN AT -55°C 【低溫脆化】 (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.

核准: 审核: 涂云丽 检测: 祝建军