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MATERIALS TEST REPORT

EPDM70 TRANSLUCENT FDA(E7013F) COMPOUND

ASTM D2000 M3CA 707 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 | 70°±5 | 70 | D2240 |
| TENSILE STRENGTH, MPA, MIN | ≥7 | 10.33 | D412 |
| ULTIMATE ELONGATION, %, MIN | ≥200 | 524.34 | D412 |
| SPECIFIC GRAVITY (g/cm ³) | | 1.31 | D297 |
| HEAT RESISTANCE 70 H . AT 125°C(A25) | | | D865 |
| CHANGE IN HARDNESS, POINTS | +10 | +5 | |
| CHANGE IN TENSILES STRENGTH, % | -20 | -19.20 | |
| CHANGE IN ULTIMATE ELONGATION,MAX % | -40 | -33.84 | |
| COMPRESSION SET, MAX, 22H AT 125°C(B35) | ≤70 | 55.52 | D395 |
| RESISTANCE TO OZONE , TEST METHOD D 1171,(C32) | | | |
| EXPOSURE METHOD B | | PASS | D1171 |
| WATER RESISTANCE:100°C,70H (EA14) | | | |
| VOLUME CHAGE,% | ±5 | +3.1 | D471 |
| LOW-TEMPERATURE BRITTLNESS 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.

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| Approved By: | | Checked By: | Yunli Tu | Tested By: | Jianjun Zhu |
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