



CÔNG TY TNHH HÓA CHẤT ALPHA VIỆT NAM

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Certificate of Analysis

Q/ZWS.C10.1B-2002

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|---------------------|--|---------------------------|------------------------|
| Workshop | PMC Second Line | Report Number | 2016/8/11 |
| Product Name | Bakelite Powder | Production Date | 2016/8/11 |
| Model | PF2A4-161J | Report Date | 2016/8/11 |
| Color | Black | Technical Standard | GB1404.3-2008 |
| Number | Test Items | Index | Test Result |
| 1 | Fluidity, mm | 130-140 | 136 |
| 2 | Volatile Content % \leq | 4.00 | 2.3 |
| 3 | Exterior | | Qualified |
| 4 | Boiling Water-proof | | Qualified |
| 5 | Flexural Strength, Mpa \geq | 70 | 86 |
| 6 | Impact Strength(with notch), KJ/m ² \geq | 1.3 | 1.85 |
| 7 | Temperature of hot distortion, °C \geq | 140 | 175 |
| 8 | Water absorption(Cold water) mg \leq | 100 | 31 |
| 9 | Molding Shrinkage, % | 0.5-1.0 | 0.8 |
| 10 | Dielectric resistance after 24h in water, M Ω \geq | 10 ⁹ | 6.5 x 10 ¹⁰ |
| 11 | Dielectric Strength, KV/mm \geq | 10 | 12 |
| 12 | Proof Tracking Index (PTI): \geq | 125 | 125 |
| 13 | Quantity | Bags | 840 |
| Note | This product can be stored for 12 months under a temperature less than 35 °C. This product tends to absorbing moisture, so place it in a cool and dry place under a temperature less than 35 °C and use it up as soon as possible within 12 months. When taking it out of the bag, take care to avoid dampness and dust. | | |

Checker: Wu Wen Yin

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