

**Certificate of Analysis**

Phenolic Moulding Compound PF2A2-151J

**Q/ZWS.C10.1B-2002**

<b>Workshop</b>	PMC Second Line	<b>Report Number</b>	2015/8/20
<b>Product Name</b>	Bakelite Powder	<b>Production Date</b>	2015/8/18
<b>Model</b>	PF2A2-151J	<b>Report Date</b>	2015/8/20
<b>Color</b>	Black	<b>Technical Standard</b>	GB1404.3-2008
<b>Number</b>	<b>Test Items</b>	<b>Index</b>	<b>Test Result</b>
1	Fluidity, mm	90-140	135
2	Volatile Content % ≤	4.00	2.3
3	Exterior		Qualified
4	Boiling Water-proof		Qualified
5	Flexural Strength, Mpa ≥	70	77
6	Impact Strength(with notch), KJ/m <sup>2</sup> ≥	1.3	1.78
7	Temperature of hot distortion, °C ≥	140	160
8	Water absorption(Cold water) mg ≤	100	33
9	Molding Shrinkage, %	0.5-0.9	0.67
10	Dielectric resistance after 24h in water, MΩ ≥	10 <sup>8</sup>	3.5 x 10 <sup>10</sup>
11	Dielectric Strength, KV/mm ≥	10	12
12	Proof Tracking Index (PTI): ≥	/	/
13	Quantity	Bags	840
<b>Note</b>	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. While taking it out of the bag, take care to avoid dampness and dust.		

without notch  
(6.5-7.5)

**Checker:** Wu Wen Yin

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