

## Old Hickory APG-300 Kentucky Ball Clay

Category : Ceramic , Clay , Ball Clay

**Material Notes:**

This is an extremely low 325 Mesh wet residue clay. It can be employed in a variety of applications where high purity mineral filler is required. It has a moderate GE brightness value and is particularly beneficial where suspension of other materials is important or where low settling tendency is critical. Information provided by Old Hickory Clay Company

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Old-Hickory-APG-300-Kentucky-Ball-Clay.php](http://www.lookpolymers.com/polymer_Old-Hickory-APG-300-Kentucky-Ball-Clay.php)

| Physical Properties | Metric    | English   | Comments                   |
|---------------------|-----------|-----------|----------------------------|
| Specific Gravity    | 2.60 g/cc | 2.60 g/cc |                            |
| Brightness          | 69 %      | 69 %      | GE Brightness              |
| Oil Absorption      | 40 %      | 40 %      |                            |
| Moisture Absorption | <= 2.00 % | <= 2.00 % |                            |
| Particle Size       | 0.40 µm   | 0.40 µm   | Median particle diameter   |
|                     | 0.50 µm   | 0.50 µm   | 57% of particles less than |
|                     | 1.0 µm    | 1.0 µm    | 68% of particles less than |
|                     | 2.0 µm    | 2.0 µm    | 77% of particles less than |
|                     | 5.0 µm    | 5.0 µm    | 90% of particles less than |
|                     | 10 µm     | 10 µm     | 96% of particles less than |
|                     | <= 20 µm  | <= 20 µm  | 99% of particles less than |
| pH                  | 6.0       | 6.0       |                            |

| Component Elements Properties | Metric  | English | Comments |
|-------------------------------|---------|---------|----------|
| Al2O3                         | 29.2 %  | 29.2 %  |          |
| CaO                           | 0.090 % | 0.090 % |          |
| Fe2O3                         | 0.81 %  | 0.81 %  |          |
| K2O                           | 0.12 %  | 0.12 %  |          |
| Loss on Ignition(%)           | 9.8 %   | 9.8 %   |          |
| MgO                           | 0.19 %  | 0.19 %  |          |
| Na2O                          | 0.54 %  | 0.54 %  |          |

| Component Elements Properties | Metric | English | Comments |
|-------------------------------|--------|---------|----------|
| TiO2                          | 2.26 % | 2.26 %  |          |

| Descriptive Properties | Value             | Comments                     |
|------------------------|-------------------|------------------------------|
| Crude Color            | Cream, White, Tan |                              |
| Wet Sieve Residue (%)  | 0.5               | Wet Sieve Residue, +325 mesh |

## Contact Songhan Plastic Technology Co.,Ltd.

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