

## Imerys Kingsley - Rogers,ç Kaolin

Category : Ceramic , Clay , Kaolin Clay

**Material Notes:**

Information provided by Imerys

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Imerys-Kingsley-Rogers-Kaolin.php](http://www.lookpolymers.com/polymer_Imerys-Kingsley-Rogers-Kaolin.php)

| Physical Properties | Metric    | English   | Comments       |
|---------------------|-----------|-----------|----------------|
| Particle Size       | 0.50 Åµm  | 0.50 Åµm  | 34% finer than |
|                     | 1.0 Åµm   | 1.0 Åµm   | 49% finer than |
|                     | 2.0 Åµm   | 2.0 Åµm   | 62% finer than |
|                     | 5.0 Åµm   | 5.0 Åµm   | 80% finer than |
|                     | 10 Åµm    | 10 Åµm    | 90% finer than |
|                     | 20 Åµm    | 20 Åµm    | 97% finer than |
| pH                  | 4.5 - 6.5 | 4.5 - 6.5 |                |

| Mechanical Properties | Metric      | English   | Comments |
|-----------------------|-------------|-----------|----------|
| Modulus of Rupture    | 0.00345 GPa | 0.500 ksi | dry      |

| Component Elements Properties | Metric | English | Comments |
|-------------------------------|--------|---------|----------|
| Al2O3                         | 38.1 % | 38.1 %  |          |
| CaO                           | 0.10 % | 0.10 %  |          |
| Fe2O3                         | 0.60 % | 0.60 %  |          |
| K2O                           | 0.20 % | 0.20 %  |          |
| Loss on Ignition(%)           | 13.6 % | 13.6 %  |          |
| MgO                           | 0.10 % | 0.10 %  |          |
| Na2O                          | 0.10 % | 0.10 %  |          |
| SiO2                          | 45.1 % | 45.1 %  |          |
| TiO2                          | 1.7 %  | 1.7 %   |          |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
| M.B.I. (meq/100g)      |       |          |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
|------------------------|-------|----------|

## Contact Songhan Plastic Technology Co.,Ltd.

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