

## KaMin Polygloss<sup>®</sup> 90 Kaolin Clay - Ultrafine, high brightness

Category : Ceramic , Clay , Kaolin Clay

### Material Notes:

Ultrafine, highly pulverized, premium brightness kaolin for extending high gloss solvent and water-based coatings. Industry: Paint & Coatings, Rubber & Plastic, Ink Uses: Architectural Coatings, Industrial Coatings, Wood Coatings, Satin, Gloss, Powder Coatings, Primer, Tinting Paste, Pigmented Coatings, Non-Black Rubber, General Plastics, Thermoset Plastic, Masterbatch, Lithographic/Offset, Sheetfed, Web Offset Heatset, Web Offset Coldset, Gravure Solvent Borne, Flexo Solvent Borne, Screen, Letterpress Information provided by KaMin LLC.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_KaMin-Polygloss-90-Kaolin-Clay-Ultrafine-high-brightness.php](http://www.lookpolymers.com/polymer_KaMin-Polygloss-90-Kaolin-Clay-Ultrafine-high-brightness.php)

| Physical Properties                | Metric                 | English                              | Comments                           |
|------------------------------------|------------------------|--------------------------------------|------------------------------------|
| Specific Gravity                   | 2.60 g/cc              | 2.60 g/cc                            |                                    |
| Bulk Density                       | 0.160 - 0.192 g/cc     | 0.00579 - 0.00694 lb/in <sup>3</sup> | Loose                              |
| Brightness                         | 91 %                   | 91 %                                 | Reflectance (TAPPI)                |
| Oil Absorption                     | 42 %                   | 42 %                                 |                                    |
| Fineness                           | >= 7                   | >= 7                                 | Hegman Grind                       |
| Moisture Absorption at Equilibrium | <= 1 %                 | <= 1 %                               | As Produced                        |
| Particle Size                      | 0.200 Åµm              | 0.200 Åµm                            | Average Stokes Equivalent Diameter |
|                                    | 0.400 Åµm              | 0.400 Åµm                            | Median (Malvern Laser)             |
| Particle Mesh Size                 | 325 Mesh               | 325 Mesh                             | 0.005% Retained                    |
| pH                                 | 7                      | 7                                    | 100 g/250 ml H2O Slurry            |
| Specific Surface Area              | 22.0 m <sup>2</sup> /g | 22.0 m <sup>2</sup> /g               | BET                                |

| Descriptive Properties      | Value       | Comments |
|-----------------------------|-------------|----------|
| Bulking Value               | 21.7 lb.gal |          |
| CAS Number                  | 1332-58-7   |          |
| Crystalline Silica (quartz) | <0.1%       |          |
| Physical Form               | Dry         |          |
| Shipping Point              | Wrens, GA   |          |

## **Contact Songhan Plastic Technology Co.,Ltd.**

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