

## KaMin Polyplate<sup>®</sup> HMT Kaolin Clay - Delaminated

Category : Ceramic , Clay , Kaolin Clay

### Material Notes:

Polyplate<sup>®</sup> HMT is a high brightness, very high aspect ratio, delaminated kaolin, intended for use in water-borne coatings, adhesives, and sealants. The large, platy structure of Polyplate<sup>®</sup> HMT imparts increased hide, tinting strength, enamel holdout, crack resistance, and reinforcement properties in water based systems. Industry: Paint & Coatings, Adhesives & Sealants, Rubber & Plastic Uses: Architectural Coatings, Industrial Coatings, Wood Coatings, Flat/Matte, Satin, Primer, Water Based, Non-Black Rubber Information provided by KaMin LLC.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_KaMin-Polyplate-HMT-Kaolin-Clay-Delaminated.php](http://www.lookpolymers.com/polymer_KaMin-Polyplate-HMT-Kaolin-Clay-Delaminated.php)

Physical Properties	Metric	English	Comments
Specific Gravity	2.60 g/cc	2.60 g/cc	
Bulk Density	0.641 - 0.721 g/cc	0.0231 - 0.0260 lb/in <sup>3</sup>	Loose
Solids Content	66 - 68 %	66 - 68 %	Slurry
Brightness	87.5 - 89 %	87.5 - 89 %	Reflectance (TAPPI)
Oil Absorption	42 %	42 %	
Fineness	>= 4	>= 4	Hegman Grind
Moisture Absorption at Equilibrium	<= 1.5 %	<= 1.5 %	As Produced
Particle Size	1.20 $\mu$ m	1.20 $\mu$ m	Average Stokes Equivalent Diameter
	6.70 $\mu$ m	6.70 $\mu$ m	Median (Malvern Laser)
Particle Mesh Size	325 Mesh	325 Mesh	0.005% Retained
pH	6 - 8	6 - 8	100 g/250 ml H <sub>2</sub> O Slurry
Specific Surface Area	12.0 m <sup>2</sup> /g	12.0 m <sup>2</sup> /g	BET
Brookfield Viscosity	800 cP @Temperature 25.0 $\text{\AA}$ <sup>o</sup> C	800 cP @Temperature 77.0 $\text{\AA}$ <sup>o</sup> F	20 RPM

Descriptive Properties	Value	Comments
Bulking Value	21.7 lb.gal	
CAS Number	1332-58-7	
Crystalline Silica (quartz)	<0.1%	

Physical Forms Descriptive Properties	Dry Slurry Value	Comments
Shipping Point	Macon, GA	

## Contact Songhan Plastic Technology Co.,Ltd.

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