

## Imerys Bardenâ„¸ AG-1 Kaolin

Category : Ceramic , Clay , Kaolin Clay , Oxide , Aluminum Oxide , Silicon Oxide

### Material Notes:

Barden R is a Hydrated Aluminum Silicate available as an Air Float Beneficiated Fine Powder. This kaolin product is used as a high surface area "hard" filler for agricultural purposes. Information provided by Imerys

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Imerys-Barden-AG-1-Kaolin.php](http://www.lookpolymers.com/polymer_Imerys-Barden-AG-1-Kaolin.php)

Physical Properties	Metric	English	Comments
Specific Gravity	2.60 g/cc	2.60 g/cc	
Brightness	70 - 80 %	70 - 80 %	% Reflectance
Oil Absorption	33 - 38 %	33 - 38 %	g/100g clay
Particle Mesh Size	325 Mesh	325 Mesh	1% retained
pH	4.0 - 5.5	4.0 - 5.5	
Specific Surface Area	22 - 26 m <sup>2</sup> /g	22 - 26 m <sup>2</sup> /g	

Component Elements Properties	Metric	English	Comments
Al <sub>2</sub> O <sub>3</sub>	38.1 %	38.1 %	
Fe <sub>2</sub> O <sub>3</sub>	1.6 %	1.6 %	
Quartz	1.5 - 3.8 %	1.5 - 3.8 %	
SiO <sub>2</sub>	45.1 %	45.1 %	

Descriptive Properties	Value	Comments
Color	white	
Heating Loss (% max as produced)	1	at 105 <sup>o</sup> C

## Contact Songhan Plastic Technology Co.,Ltd.

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