

BSI #3200 Apyral 200SM - Precipitated ATH

DESCRIPTION:

3200 Apyral 200SM 22.0 Surface Area, Precipitated ATH is a high purity, sub-micron precipitated alumina trihydrate with a narrow particle size distribution. This product can be used in applications where high surface area, sub-micron particles are desired.

APPLICATIONS:

- Architectural Coatings
- UV Coatings
- Inorganic Pigments
- Organic Pigment Dispersions
- Adhesives
- Wire and Cable

ADVANTAGES:

- Non-Halogen Flame Retardant
- Inert
- Good Dispersion without Organic Additives
- Excellent Weatherability
- Synergist for Organic Flame Retardants
- Sub-Micron Particles

HANDLING PRECAUTIONS:

Please refer to the 3200 Apyral 200SM Material Safety Data Sheet.

CHEMICAL PROPERTIES:	
<i>Al(OH)₃ - Aluminum Hydroxide (%)</i>	99.5
<i>Na₂O - Sodium Oxide (% total)</i>	0.5
<i>Na₂O - Sodium Oxide (% Soluble)</i>	0.026
<i>Moisture (%)</i>	0.5
PHYSICAL PROPERTIES:	
<i>Bulk Density (g/cm³)</i>	0.24
<i>Specific Gravity (g/cm³)</i>	2.40
<i>BET Surface Area (m²/g)</i>	13 - 17
<i>% Thru 325 Mesh</i>	99.9
<i>D50 (Micron)</i>	0.2 - 0.7
<i>Loss on Ignition (%)</i>	34.6
<i>Specific Conductivity</i>	200
<i>Refractive Index</i>	1.58
<i>Mohs Hardness</i>	3
<i>Whiteness (%)</i>	96

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Information presented herein is believed to be accurate and reliable but is not intended to meet any specification and does not imply any guarantee or warranty by Brenttag Specialties, Inc. For more information and assistance, contact Technical Services at 800-732-0562.

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