

**BSI #3500 Apyral 50CD - Precipitated ATH**

**DESCRIPTION:**

**3500 Apyral 50CD Precipitated ATH** is a high purity, fine particle size, precipitated alumina trihydrate for use in flame retardant and low smoke applications.

**APPLICATIONS:**

- Wire and Cable
- EVA / EPDM
- Rubber
- Flexible PVC
- Adhesives
- Coatings

**HANDLING PRECAUTIONS:**

Please refer to the 3500 Apyral 50CD Material Safety Data Sheet.

<b>CHEMICAL PROPERTIES:</b>	
<i>Al(OH)<sub>3</sub> - Aluminum Hydroxide (%)</i>	99.5
<i>Na<sub>2</sub>O - Sodium Oxide (% total)</i>	0.24
<i>Na<sub>2</sub>O - Sodium Oxide (% Soluble)</i>	0.08
<i>Moisture (%)</i>	0.25
<b>PHYSICAL PROPERTIES:</b>	
<i>Loose Bulk Density (g/cm<sup>3</sup>)</i>	0.32
<i>Surface Area (m<sup>2</sup>/g)</i>	5.0
<i>% Thru 325 Mesh</i>	99.99
<i>D50 (Micron)</i>	1.3
<i>Oil Absorption</i>	24.0
<i>Loss on Ignition (%)</i>	34.6
<i>Specific Gravity (g/cm<sup>3</sup>)</i>	2.42
<i>Mohs Hardness</i>	3.0
<i>Refractive Index</i>	1.58
<i>Color</i>	White

*Providing Solutions Through Technology*

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 Brenntag Specialties, Inc. For more information and assistance, contact Technical Services at 800-732-0562.

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