

**BSI #3120 Apyral 120E Precipitated ATH (E)**

**DESCRIPTION:**

**3120 Apyral 120E 11.0 S.A. Precipitated ATH (E)** 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 3120 Apyral 120E 11.0 S.A. 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>Loss on Ignition (%)</i>	34.6
<i>Moisture (%)</i>	0.50
<b>PHYSICAL PROPERTIES:</b>	
<i>Loose Bulk Density (g/cm<sup>3</sup>)</i>	0.20
<i>Surface Area (m<sup>2</sup>/g)</i>	11.0
<i>% Thru 325 Mesh</i>	99.97
<i>D50 (Micron)</i>	0.9
<i>Oil Absorption</i>	37.0
<i>Specific Gravity (g/cm<sup>3</sup>)</i>	2.4
<i>Mohs Hardness</i>	3.0
<i>Refractive Index</i>	1.58
<i>Whiteness</i>	98
<i>Specific Conductivity</i>	100

*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.

**Brenntag Specialties, Inc.** • 1000 Coolidge St. • South Plainfield, NJ 07080  
**Toll - Free Phone: 800-732-0562** • Fax: 800-543-1484

