



# Technical Datasheet

## AMSPEC KR – Antimony oxide flame retardant agent wetted with DIDP

### Description

All Amspec Select wetted materials are non-dusting white powders. There is a slight characteristic DiDP odor associated with this product.

### Typical Chemical Composition

|  |           |
|--|-----------|
| Minimum Total Sb <sub>2</sub> O <sub>3</sub> (%) | 99.5      |
| DiDP (%)   | 2.8 – 3.2 |
| Maximum Impurity Levels                          |           |
| Arsenic, As (ppm)                                | 0.10      |
| Lead, Pb (ppm)                                   | 0.20      |
| Selenium, Se (ppm)                               | 30        |
| Iron, Fe (ppm)                                   | 60        |

### Typical Physical Properties

|   |           |
|---|-----------|
| Specific Gravity                                      | 4.6 – 5.0 |
| Average Particle Size Pre-wetted, Fisher Subsieve (μ) | 0.2 – 2.0 |
| Color   |           |
| Minimum L value                                       | 90.0      |
| Minimum a value                                       | -1.5      |
| Maximum b value                                       | 4.0       |

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The information contained in this publication gives typical analysis based on historical production performance. The user assumes all risk because the conditions of use are beyond Amspec Chemical Corporation's control. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering a material or its use. Consult any relevant material safety datasheets before handling this product.

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