

## CATALYST GRADE OF ANTIMONY TRIOXIDE “PATOX-C”

PATOX-C is a special grade for catalysis of polyester production reactions. The products have been developed by our company as a result of 40 years or more of research and endeavor for the products improvement.

Our grade is currently being used by all polyester manufacturers in Japan and is shipped abroad to more than 20 companies in 14 countries. The products, with its stable high quality, are being found recognition through out the world.

### Specification

|                       |                                | <u>Guaranteed Spec.</u> |
|-----------------------|--------------------------------|-------------------------|
| Antimony trioxide     | Sb <sub>2</sub> O <sub>3</sub> | 99.7 % min.             |
| Arsenic               | As                             | 0.05 % max.             |
| Lead                  | Pb                             | 0.006 % max.            |
| Iron                  | Fe                             | 0.003 % max.            |
| Sulfate               | SO <sub>4</sub>                | 0.01 % max.             |
| Copper                | Cu                             | 0.001 % max.            |
| Nickel                | Ni                             | 0.001 % max.            |
| Turbidity in HCl      |                                | 9 ppm max.              |
| Average particle size |                                | 0.80 - 1.20 μm          |
| Color tone L*         |                                | 93.0 min.               |

### Characteristics

The solubility of this grade in ethylene glycol is very efficient and practically no residues are left after dissolving. It is advantageous that no “clogging-up” occurs during the polyester production process and maintenance can be easily carried out. The polyester chips and fibers produced with this grade show very little color fluctuation and the coloration for such products is very stable.

Moreover, the fibers produced are free from troubles of “snapping”.

### Packing

25 kgs net in bags

|              |                      |
|--------------|----------------------|
| Inner Lining | : 1-ply polyethylene |
| Outer Lining | : 3-ply kraft paper. |
| Total        | : 4-ply              |

Our products shall be shrink wrapped (p.e. stretch-wrapping) for export purposes.

\* The statement and methods presented herein about the products are based upon the best available data and practices currently known to us. However they are neither presentations nor warranties of performance, results or comprehensiveness of such data, and further they do not imply any recommendation to infringe any patent or offer of a license under any license.



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| <b>Head Office</b>     | 3-2 Shimomiyabi-cho, Shinjuku-ku, Tokyo 162-0822, Japan<br>TEL 81-3-3235-0021 81-3-3235-0031 (Sales Department) FAX 81-3-5261-7335 |
| <b>Osaka Branch</b>    | Daido Seimei South Building, 1-2-11 Edobori, Nishi-ku, Osaka 550-0002, Japan<br>TEL 81-6-7711-0120 FAX 81-6-7711-0121              |
| <b>Nakase Refinery</b> | 1198 Yoshii, Yabu-shi, Hyogo 667-1111, Japan<br>TEL 81-79-667-2121 FAX 81-79-663-5000  |

<http://www.nihonseiko.co.jp>