

Understanding Docket 90-A

TB - 111-C

Docket 90-A

The Department of Transportation (DOT) has a branch called the Federal Transit Administration (FTA) who makes recommendations for mass transit vehicles. The recommendations set forth by the FTA are not regulatory in nature, but are merely voluntary test procedures intended to be used to assess the fire risk of certain materials.

The recommendations in Docket 90-A primarily deal with flammability and smoke emission characteristics of transit bus and van materials. The FTA states that the major concern with materials being used in mass transit are smoke emission performance criteria and material behavior during ignition for those materials (KYDEX® 6200 is a material primarily based for use in a mass transit vehicle that would primarily be used for shrouding on a seat or to protect the frame of the seat). In Docket 90-A there are two tests used to determine acceptability of a material for mass transit use; ASTM E-162 and ASTM E-662.

ASTM E-162 is a testing method for Surface Flammability of Materials Using a Radiant Heat Energy Source, also known as the Radiant Panel test. KYDEX® 6200 does not exhibit any flaming running or flaming dripping and meets the requirements of Docket 90-A by having a maximum flame spread index no greater than 35.

ASTM E-662 is a testing method for Specific Optical Density of Smoke Generated by Solid Materials. Optical density (Ds) readings are taken at 1.5 minutes into the test and at 4 minutes. To meet the requirements of Docket 90-A the maximum average Ds at 1.5 minutes may be no greater than 100 and the maximum average Ds at 4 minutes may be no greater than 200. KYDEX® 6200 meets the optical density requirements for the ASTM E-662 test as well.

| Docket 90 -A | | |
|----------------|-----------------------------|-------------------------|
| Test Procedure | Performance Criteria | KYDEX® 6200 Performance |
| ASTM E-162 | Is < 35 | Pass |
| ASTM E-662 | Ds (1.5) < 100; Ds(4) < 200 | Pass |

SEKISUI SPI

ISO 9001 and 14001 Certified

Customer Service

6685 Low St, Bloomsburg, PA 17815 USA

Phone: 800.325.3133, +1.570.389.5810

Outside the US: +1.570.389.5814

Fax: 800.452.0155, +1.570.387.7786

Email: info@sekisui-spi.com

Technical Service

Phone: 800.682.8758

Fax: +1.570.387.8722

Outside the US: +1.570.387.6997

techservice@sekisui-spi.com

sekisui-spi.com

Because we cannot anticipate or control the many different conditions under which this information and our products may be used, we do not guarantee the applicability of the accuracy of this information or the suitability of our products in any given situation. Users should conduct their own tests to determine the suitability of each product for their particular purposes. Data in the physical property table represents typical values and are to serve only as a guide for engineering design. Results are obtained from specimens under ideal laboratory conditions. Right to change physical properties as a result of technical progress is reserved. THE PRODUCTS DISCUSSED ARE SOLD WITHOUT WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE, EITHER EXPRESSED OR IMPLIED, EXCEPT AS PROVIDED IN OUR STANDARD TERMS AND CONDITIONS OF SALE. Buyer assumes all responsibility for loss or damage arising from the handling and use of our products, whether done in accordance with directions or not. In no event shall the supplier or the manufacturer be liable for incidental or consequential damages. Also, statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. Consult local code and regulatory agencies for specific requirements regarding code compliance, transporting, processing, recycling and disposal of our product. Product not intended for use as a heat resistant surface. Texture, product grade and other conditions may cause variations in appearance.

This information supersedes all previously published data.