

Technical Literature I-03

## FAA Standards

The materials for use inside airplanes are regulated strictly by the Federal Aviation Administration of the United States (FAA) with respect to their flame retardance. AURUM<sup>®</sup> fully meets the FAA standards (as measured by the Ohio State University of the United States).

(1) Sample

AURUM<sup>®</sup> Natural 450

(2) Testing Method

- Testing standards: Based on US Standards FAA 25.853 (A-1)
- Testing conditions: Vertical flame test

(3) Test Results

	AURUM <sup>®</sup> (MCI)	PEEK (DuPont)	FAA Standards Value (1990)
HTOP (2 min) <sup>1)</sup> [kw-min/m <sup>2</sup> ]	3.9	20	65 or below
RHR (max) <sup>2)</sup> [kw/m <sup>2</sup> ]	45.4	40	65 or below

Notes:

- 1) HTOT: Total amount of heat released during 2 minutes of total heat release
- 2) RHR: Max. value of the amount of heat released during 5 minutes of total heat release

The information contained herein is based on the information and data available at this moment, but none of the data or evaluation results contained herein provide any warranty whatsoever.