

## Features

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### Heim<sup>®</sup>

Heim<sup>®</sup> is a flame-retardant polyester spunbond produced by Toyobo MC's original technology. It has Excellent anti flame spread property.

- (1) Excellent anti flame spread propert.
- (2) Heim<sup>®</sup> Spunbond has passed various flame-retardant tests.  
(For composite products with other materials, please measure by yourself.)
- (3) Since it is made of polyester long fiber, it has excellent resistance to heat, to weather, to water, to oil ando to chemical.
- (4) It has excellent tensile strength and tear strength.
- (5) It has excellent dimensional stability.
- (6) No generation of hazardous flue gases such as cyanide and chlorine when burned deliberately and the safety has been confirmed by an official institution in Japan.



# Specifications and Physical Properties

## Standard Physical Properties

Part number	Weight (g/m <sup>2</sup> )	Thickness (mm)	Tensile strength (N/5cm)		Growth rate (%)		Tear strength (N)		Dry heat shrinkage (%)	
			MD	CD	MD	CD	MD	CD	MD	CD
H3301A	30	0.18	95	39	31	34	8	8	2	0.4
VH3501A	50	0.26	172	74	35	35	14	15	1.6	0.7
VH3501AD	50	0.24	227	65	37	39	12	16	1.3	0.5
H3701A	70	0.29	237	117	32	36	20	22	1.6	0.5
H3801AD	80	0.3	329	93	34	35	24	23	1.5	0.7
H3A11A	108	0.39	293	165	24	31	38	34	1.5	0.5

The above physical properties are standard values based on measurement according to JIS L-1913, and are not guaranteed values. The contents are subject to change without notice in order to improve the quality. The results obtained by applying the information on this website and the safety and suitability of this product are not guaranteed. Depending on the intended use Check the safety and suitability of the product. Before handling the product, read the product safety data sheet (SDS) carefully.

## flame retardancy evaluation results

Standards and Standards	Article Name	Test method	Judgment of pass/fail
Ordinance for Enforcement of the Fire Protection Act	Curtains (thin cloth)	45° Tilt Method	Passed
		Coil method (45°)	Passed *
	Floor rug	45° tilt method	Passed
Combustibility standards for railway vehicle materials	Railway vehicle non-metallic materials	45° tilt method (alcohol)	Pass
Airworthiness Examination Guidelines, Civil Aviation Bureau, Ministry of Transport	Aircraft Interior	Vertical Law	Passed
Performance test standards for disaster prevention products	Article name Futon Tateji Cover Covers	45° methenamine method	Pass
		45°Coil Method	Passed *
JIS.D1201	Automobile interior materials	Horizontal method	Passed

\*Can be handled with special grades

## Locations

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### Main Office / Branch Office

- **Osaka Head Office**

Osaka Umeda Twin Towers South, 1-13-1 Umeda, Kita-ku, Osaka City, Osaka, Japan 530-0001

TEL: +81-6-6348-3101

- **Tokyo Branch**

Sumitomo Corporation Kyobashi Building, 1-17-10 Kyobashi, Chuo-ku, Tokyo, Japan 104-0031

TEL: +81-3-6887-8700

### Domestic Plants

- **Iwakuni Site**

1-1 Nadamachi, Iwakuni City, Yamaguchi, Japan 740-0033

TEL: +81-827-33-3111

- **Tsuruga site**

10-24 Toyochō, Tsuruga City, Fukui, Japan 914-8550

TEL: +81-770-21-4766

### Research Center

- **Katata Site**

2-1-1 Katata, Otsu City, Shiga, Japan 520-0292

TEL: +81-77-571-0076