

### Filter media

### Ti 19

Cellulose/polyester carrier with PP meltblown

#### 1. Features

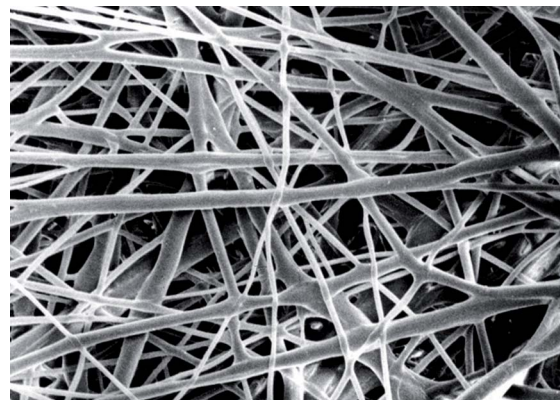
The Ti 19 filter media is an optimally designed composite media for cleanable, pleated dust filter cartridges. Its thin, fine-pored, meltblown microfibre layer assures maximum separation as well as a low air resistance.

The excellent filtration and cleaning properties are the outcome of the small fibre diameter (approximately 2  $\mu\text{m}$ ) achieved with the meltblown process.

The stable, coarse-pored substrate gives the media the required strength. Ti 19 is especially suitable for separating dusts with high fine fraction.

#### Characteristics

- High porosity and hence a low pressure loss
- Excellent cleanability because the filter layer is made of polypropylene meltblown
- Good chemical and hydrolysis resistance up to the permanent operating temperature
- High filtration efficiency
- Compliance with the requirements of DIN EN 60335-2-69
- Worldwide distribution

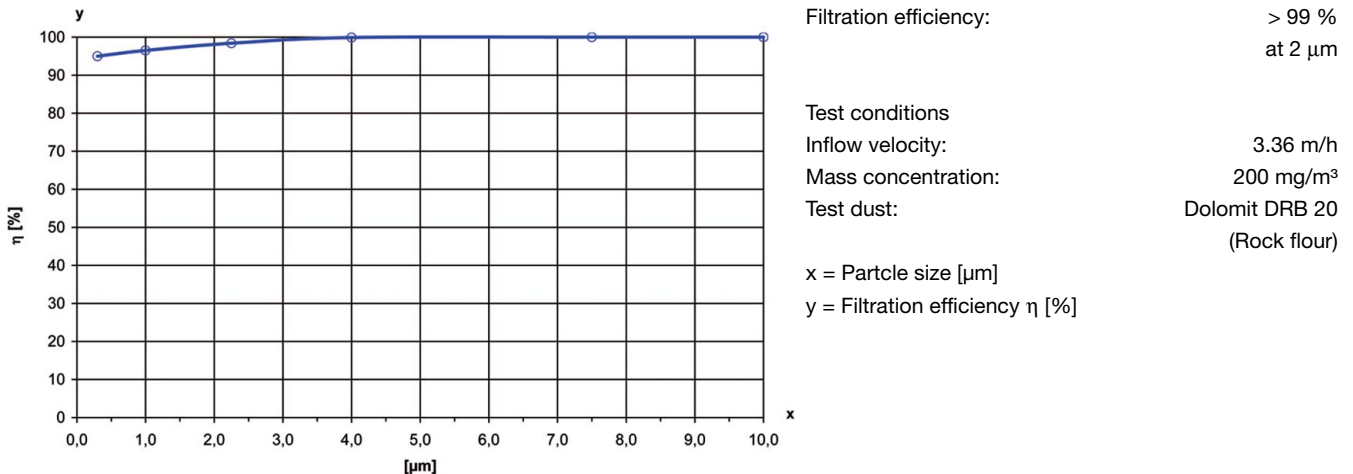


## 2. Technical data

Type	Media	Media thickness [mm]	Weight [g/m <sup>2</sup> ]	Air permeability [m <sup>3</sup> /m <sup>2</sup> h]	max. operating temperature [°C]	Test certificates/ dust classes
Ti 19	PP meltblown microfibre with cellulose/polyester carrier	0.85	210	1230 at Δp 200 Pa	90 (permanent) *	DIN EN 60335-2-69 "M"

\* Only in dry air. Technical data is subject to change without notice!

## 3. Filtration efficiency



These values may vary depending on the nature of the dust, the composition of the gas and the cartridge design.

## 4. Chemical resistance/mechanical properties

Chemical resistance	Chemical resistance			Mechanical properties	Mechanical properties		
	Very good	Good	Limited		Very good	Good	Limited
Water			x	Surface quality (smoothness)		x	
Hydrolysis		x		Stability		x	
Acids			x	Abrasion resistance			x
Alkalis		x		Cleanability (jet pulse)	x		
Solvents			x	Washability			x

These properties are of a purely qualitative valuation and depending on the nature of the dust, the composition of the gas and the operating conditions.

## 5. Design

Please contact us for detailed technical information, any open questions and for general expert advice. Completion of the relevant questionnaire would facilitate in the coordination of all the important parameters.

Comprehensive documentation on our product range, cleaning units and cartridges can be provided.

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