

NONWOVENS FOR LIQUID FILTRATION – INDUSTRIAL APPLICATIONS

PRODUCT PROFILE: **cooltexx** POLYESTER WETLAID NONWOVENS

Production Method: Wetlaid process

Material: Mainly polyester

Bonding: Chemical binder

Customer-specific converting

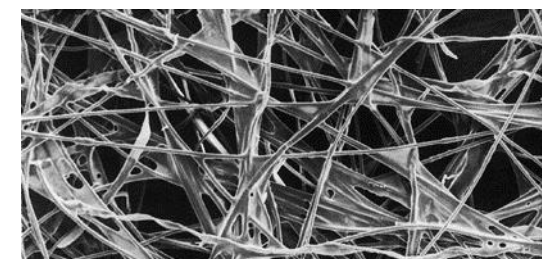
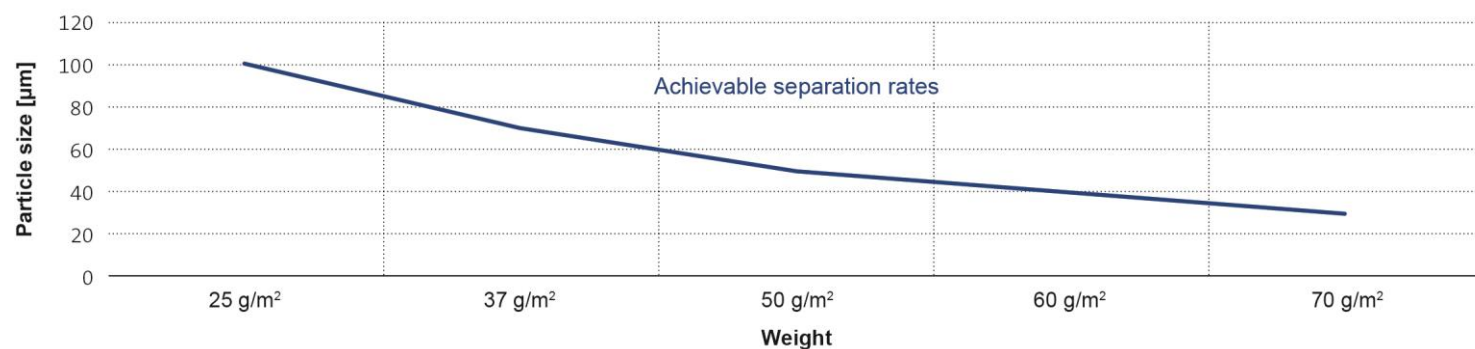
Product Advantages:

- Optimal process adaptability
- Easy handling
- Less roll changes required
- Universal applicability

Product Properties:

- Uniform fiber distribution
- Good separation despite low weight
- Thin material
- Variable polymer composition

		cooltexx 2662	cooltexx 2663	cooltexx 2664	cooltexx 2666	cooltexx 2693
Weight	g/m ²	25	37	50	60	70
Type of Processing		Turning/Drilling/Milling [Rough Machining]	Turning/Drilling/Milling [Planing]	Grinding/Honing/Lapping [Fine Planing]	Grinding/Honing/Lapping [Finest Machining]	Grinding/Honing/Lapping [Finest Machining]
Belt Filter Principle		Gravity/Pressure	Pressure	Pressure	Pressure/Vacuum	Pressure/Vacuum



SEM picture cooltexx 2663

	cooltexx 2662	cooltexx 2663	cooltexx 2664	cooltexx 2666	cooltexx 2693
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Belt Filter System

Gravitation	•	•	•	•	•
Pressure			•	•	•
Vacuum				•	•

Process Liquids

Emulsions based on mineral oil	•	•	•	•	•
Partial/full synthetic emulsions	•	•	•	•	•
Oil				•	
Solvents	•	•	•	•	•
Waste water	•	•	•	•	•
Liquids for surface treatment	•	•	•	•	•

Technical Data

Method of Testing

Weight	EN 29073T.1	g/m ²	25	37	50	60	70
Thickness	EN 29073T.2	mm	0.26	0.32	0.38	0.50	0.53
Air permeability at 100 Pa	DIN EN ISO 9237	l/m ² s	3930	2770	1800	2150	2000
Max. tensile strength md	EN 29073T.3	N/5 cm	60	85	130	200	100
Max. tensile strength cd	EN 29073T.3	N/5 cm	42	55	90	115	70
Elong. at max. tensile strength md	EN 29073T.3	%	18	17	19	18	19
Elong. at max. tensile strength cd	EN 29073T.3	%	18	18	22	20	21

The figures given are mean values subject to tolerances due to normal production fluctuations. Our explicit written confirmation is always required for the correct-ness and applicability of the information involved in any particular case. Subject to technical alterations.

Please ask for special applications, Tel.: 06201-806165

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