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**Industrial textiles**  
**ECONET 500**  
**List of material**

**TP 62-025-16**

## 1. Technical characteristics

Material	Basic	Glass fleece		
	Sewing	Glass silk		
Stitch knitting	Binding	1 : 1 cloth weave- chain stitch knits		
		Specific unit	Value	Tolerance
	Binder density	Number on 100 mm	20	± 1
	Line density		40	± 5
	Nominal thickness	mm	1,5	
	Width	mm	900, 1 800	± 50
	Length of roll - usually	m	25/50	± 0,5

## 2. Physical-mechanical properties obligatory for delivery and acceptance

	Specific unit	Nominal value	Tolerance	Test according to standard
Square weight	$\text{g.m}^{-2}$	380	± 50	
Tensile strenght after post	N	min. 120	-	ČSN EN ISO 13 934-1
Tensile strenght after lines	N	min. 30	-	
Loss by ignition at 700 °C	%	max. 15	-	Q-203-94

## 3. Other physical-mechanical properties-only informative

	Specific unit	Nominal value	Test according to standard
Temperature – using permanent	°C	500	-
Temperature – using short-term	°C	600	-
Character	-	non-flammable	ČSN EN ISO 1716
Coefficient heat conductivity	W / m.K	0,040	
Sheet resistance heat convection	$\text{m}^2.\text{K} / \text{W}$	0,050	



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