


FAITEX Performance Properties

TEST	Unite	FAITGREEN CP001 8 µm	FAITGREEN RN101 15 µm	FAITGREEN RN301 15 µm	05 15µm	06 15µm	05 FR 20 µm	09 15µm	109 15 µm	111 15 µm	111 FR 20 µm	120 15µm	1850 8 µm	
Chemical Base		COMPOSTABLE PES	RENEWABLE PES	RENEWABLE CoPA	TPU			TPU	PES	PES				
RET Skin Model <small>NF EN 31092 - ISO 11092</small>		+	++	+++	+++			++		+++		+++++		
Hydrostatic Pressure* <small>EN ISO 20811 modified</small>	m	> 10	> 10	> 10	> 10	> 10	> 10	> 10	> 10	> 10	> 10	> 10	> 5	
Renewable content (3) <small>ASTM D 6866</small>	Certified % BCC (TOC)	NA	18	48	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Compostability <small>EN 13432:2002</small>	YES / NO	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
Melting Range <small>DSC ISO 11357-1</small>	°C	120 - 130	185 - 195	150	180 - 195	160 - 180	180 - 195	170 - 180	185 - 195	205 - 215	205 - 215	210 - 220	205 - 215	
Typical Applications	Wind stopper	Sportswear		Leisure Sportswear				membrane with average performance for commodity market		Work wear and protective clothing		Work wear	Cycling	
	Mattress cover	Workwear		Hunting garments		Fire protective clothing				Sportswear	Fire protective clothing	Technical laminations for industrial usage		Sportswear
					Shoes	Matt membranes	Shoes			Shoes and footwear				Footwear
					Ideally for two and three layers					Military apparel police wear		Special applications	Sublimation printing	
Key Properties	Comfortable			Supersoft Soft touch and comfortable				Soft touch and comfortable						
	Compostable	From renewable sources		Very good elastic				Good elastic						
	Tack-free surface			Tack-free surface		Tack-free surface		Tack-free surface		Tack-free surface		Tack-free surface		
	No Noise			No Noise				No Noise		No Noise		High melting point		
	Standard breathability	High melting point	Very high breathability	Excellent mechanical properties elasticity, elongation, abrasion, ecc				Higher breathability		Very high breathability				

FAITEX Physical and Mechanical Properties

Density* <small>UNI EN ISO 1183-1:2013</small>	g/cc	1,26	1,21	1,10	1,20	1,21	1,40	1,22	1,21	1,20	1,40	1,20	1,20
Tensile Strength* <small>ISO 527-3/2/200</small>	N	8 9	5 5	5 5	10 10	10 9	10 10	13 13	9,5 9,5	7 7	6,5 5,5	9 9	4 4
Elongation at break* <small>ISO 527-3/2/200</small>	%	650 700	580 570	650 650	530 530	560 560	500 400	550 550	800 800	740 740	650 650	650 650	600 700
Tear Propagation* <small>ISO 34-1:2015</small>	N/mm	100 95	100 100	80 80	50 50	60 60	50 50	60 60	100 100	90 90	90 80	125 125	110 110

FAITEX Delivery Specification

* Typical values obtained from lots of neutral films produced in different widths. Colours and treatment can influence significantly these values.

Standard thickness	µm	8 - 10 - 15	>15	15 - 20	10 - 15 - 20	>20	10 - 15	>15	10 - 15 - 20	>20	15 - 20	8
Standard width	mm	1550				1550			1550			
Roll length	m	up to 1000				up to 1000			up to 1000			
Colours		Neutral, matt and white (on request different colours)				Transparent, matt and white (on request different colours)			Transparent and white (on request different colours)			
Carrier		With or without carrier				With or without carrier			With or without carrier			
Core Ø	m	76 or 152				76 or 152			76 or 152			



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