

产品主要技术指标 TECHNICAL INDEXES

PE Needle Felt		
Item	Unit	Parameter
Material	Face: 100%PE	Scrim: PE
Grammas Per Square Meter	g/m ²	500±5%
Thickness	mm	1.9±0.1
Air Permeability(200Pa)	L/dm ² .min	120_150
Temperature Resistance	Cont	130
	Peaks	150
Minimum Breaking Strength	Warp	≥900
	Weft	≥1200
Elongation at Break	Warp	≤30
	Weft	≤50
Surface Design Treatment	Singeing,Calendering,Heat-set	
Using Scope	Cement,Steel,Smelting,Build Material	

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TECHNICAL INDEXES		
PE Membrane Needle Felt		
Item	Unit	Parameter
Material	Face: 100%PE	Scrim: PE
Grammas Per Square Meter	g/m ²	500±5%
Thickness	mm	1.9±0.1
Air Permeability(200Pa)	L/dm ² .min	20_50
Temperature Resistance	Cont	130
	Peaks	150
Minimum Breaking Strength	Warp	≥900
	Weft	≥1200
Elongation at Break	Warp	≤30
	Weft	≤50
Surface Design Treatment	Singeing,Calendering,Heat-set, Membrane	
Using Scope	Cement,Steel,Smelting,Build Material	

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TECHNICAL INDEXES		
PE Water And Oil Repellent &Anti-Static Needle Felt		
Item	Unit	Parameter
Material	Face: 100%PE	Scrim: PE with anti-static
Grammas Per Square Meter	g/m ²	500±5%
Thickness	mm	1.9±0.1
Air Permeability(200Pa)	L/dm ² .min	120_150
Temperature Resistance	Cont	130
	Peaks	150
Minimum Breaking Strength	Warp	≥900
	Weft	≥1200
Elongation at Break	Warp	≤30

Elongation at Break	Weft	/o	≤50
Surface Design Treatment		Singeing,Calendering,Heat-set, Oil&Water Repellent Treat	
Using Scope		Cement,Steel,Smelting,Build Material	

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TECHNICAL INDEXES			
PE Anti-static Needle Felt			
Item		Unit	Parameter
Material		Face: 100%PE, Conductive	Scrim: PE
Grammas Per Square Meter		g/m ²	500±5%
Thickness		mm	1.9±0.1
Air Permeability(200Pa)		L/dm ² .min	120_150
Temperature Resistance	Cont	°C	130
	Peaks		150
Minimum Breaking Strength	Warp	N/50*200mm	≥900
	Weft		≥1200
Elongation at Break	Warp	%	≤30
	Weft		≤50
Surface Design Treatment		Singeing,Calendering,Heat-set,	
Using Scope		Cement,Steel,Smelting,Build Material	

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Acrylic Membrane Needle Felt 亚克力覆膜针刺过滤材料			
项目Item		单位Unit	参数Parameter
材质Material		面层Face: 100%DT,	基布Scrim: DT
单位面积质量Grammas Per Square Meter		g/m ²	500±5%
厚度Thickness		mm	2.0±0.1
透气量 Air Permeability(200Pa)		L/dm ² .min	20_50
耐热温度 Temperature Resistance	连续Cont	°C	125
	瞬间Peaks		140
拉伸断裂强力 Minimum Breaking Strength	纬向Warp	N/50*200mm	≥700
	经向Weft		≥800
断裂伸长率 Elongation at Break	纬向Warp	%	≤30
	经向Weft		≤50
表面处理 Surface Design Treatment		热定型, PTFE覆膜Singeing,Calendering,Heat-set, PT	
应用领域 Using Scope		水泥烘干, 矿渣微粉Cement Drying,Slag Powder	

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FMS Composite Needle Felt			
Item		Unit	Parameter
Material		Face: GL+P84	Scrim: GL
Grammas Per Square Meter		g/m ²	850±5%
Thickness		mm	2.0±0.2
Air Permeability(200Pa)		m3/m2/min	10_15
Temperature Resistance	Cont	°C	260
	Peaks		280
Minimum Breaking Strength	Warp	N/50*200mm	≥2800

Minimum Breaking Strength	Weft	N/50*200mm	≥2800
Elongation at Break	Warp	%	≤10
	Weft		≤10
Heating shrinkage	Warp	%	≤1.5
	Weft		≤1.0
Surface Design Treatment		Singeing,Calendering,Heat-set,PTFE treatment	
Using Scope		Cement klin head and tail , Steel,Blast furnace gas	

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Nomex Needle Felt

Item		Unit	Parameter
Material		Face: 100%Nomex Fiber	Scrim: Nomex
Grammas Per Square Meter		g/m ²	550±5%
Thickness		mm	2.0±0.2
Air Permeability(200Pa)		L/dm ² .min	120_150
Temperature Resistance	Cont	℃	204
	Peaks		240
Minimum Breaking Strength	Warp	N/50*200mm	≥800
	Weft		≥1000
Elongation at Break	Warp	%	≤30
	Weft		≤50
Surface Design Treatment		Singeing,Calendering,Heat-set	
Using Scope		Cement klin head and tail , Asphalt Mixing	

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PPS Needle Felt

Item		Unit	Parameter
Material		Face: 100%PPS	Scrim: 100%PPS
Grammas Per Square Meter		g/m ²	550±5%
Thickness		mm	1.8±0.2
Air Permeability(200Pa)		L/dm ² .min	120_150
Temperature Resistance	Cont	℃	160
	Peaks		190
Minimum Breaking Strength	Warp	N/50*200mm	≥900
	Weft		≥1200
Elongation at Break	Warp	%	≤30
	Weft		≤50
Surface Design Treatment		Singeing,Calendering,Heat-set	
Using Scope		Coal-fired power plant, Chemical industry	

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PTFE+PPS Composite Needle Felt PTFE

Item		Unit	Parameter
Material		Face: PTFE, PPS Fiber	Scrim: 100%PTFE
Grammas Per Square Meter		g/m ²	650±5%
Thickness		mm	1.8±0.2

Air Permeability(200Pa)		L/dm ² .min	120_150
Temperature Resistance	Cont	°C	170
	Peaks		210
Minimum Breaking Strength	Warp	N/50*200mm	≥900
	Weft		≥1200
Elongation at Break	Warp	%	≤10
	Weft		≤50
Surface Design Treatment		Singeing,Calendering,Heat-set, PTFE Treatment	
Using Scope		Waste Incineration, Coal-fired Power Plant	

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Nomex Membrane Needle Felt Nomex覆膜针刺过滤材料

项目Item	单位Unit	参数Parameter
材质Material	面层Face: 100%Nomex	基布Scrim: 100%Nomex
单位面积质量Grammas Per Square Meter	g/m ²	550±5%
厚度Thickness	mm	1.8±0.1
透气量 Air Permeability(200Pa)	L/dm ² .min	20-50
耐热温度	连续Cont	°C
Temperature Resistance	瞬间Peaks	
拉伸断裂强力	纬向Warp	N/50*200mm
Minimum Breaking Strength	经向Weft	
断裂伸长率	纬向Warp	%
Elongation at Break	经向Weft	
表面处理 Surface Design Treatment	烧毛、压光、热定型Singeing,Calendering,Heat-set	
应用领域 Using Scope	水泥窑头窑尾, 沥青搅拌Cement klin , Asphalt Mixing	

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Nomex+PTFE Needle Felt Nomex+PTFE复合针刺过滤材料

项目Item	单位Unit	参数Parameter
材质Material	层Face: Nomex,PTFE Fib	基布Scrim: 100%PTFE
单位面积质量Grammas Per Square Meter	g/m ²	550±5%
厚度Thickness	mm	1.8±0.1
透气量 Air Permeability(200Pa)	L/dm ² .min	120-150
耐热温度	连续Cont	°C
Temperature Resistance	瞬间Peaks	
拉伸断裂强力	纬向Warp	N/50*200mm
Minimum Breaking Strength	经向Weft	
断裂伸长率	纬向Warp	%
Elongation at Break	经向Weft	
表面处理 Surface Design Treatment	烧毛、压光、热定型Singeing,Calendering,Heat-set	
应用领域 Using Scope	水泥窑头窑尾, 沥青搅拌Cement klin , Asphalt Mixing	

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PE Filament Needle Felt 涤纶长丝针刺过滤材料

项目Item	单位Unit	参数Parameter
材质Material	层Face: PE Filament Fib	基布Scrim: 100%PE

单位面积质量Grammas Per Square Meter		g/m ²	±5%
厚度Thickness		mm	1.8±0.1
透气量 Air Permeability(200Pa)		L/dm ² .min	120-150
耐热温度	连续Cont	℃	130
Temperature Resistance	瞬间Peaks		150
拉伸断裂强力	纬向Warp	N/50*200mm	≥1200
Minimum Breaking Strength	经向Weft		≥1200
断裂伸长率	纬向Warp	%	≤30
Elongation at Break	经向Weft		≤50
表面处理 Surface Design Treatment	烧毛、压光、热定型Singeing,Calendering,Heat-set		
应用领域 Using Scope	、钢铁、冶炼、建材等Cement,Steel,Smelting,Build Ma		

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PTFE Needle Felt (polytetrafluoretyhylene)			
Item		Unit	Parameter
Material		Face: PTFE	Scrim: 100%PTFE
Grammas Per Square Meter		g/m ²	750±5%
Thickness		mm	1.8±0.1
Air Permeability(200Pa)		L/dm ² .min	120-150
Temperature Resistance	Cont	℃	230
	Peaks		300
Minimum Breaking Strength	Warp	N/50*200mm	≥650
	Weft		≥650
Elongation at Break	Warp	%	≤30
	Weft		≤50
Surface Design Treatment	Singeing,Calendering,Heat-set		
Using Scope	Cement,Steel,Smelting,refuse incinerator		

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Glass Needle Felt			
项目Item		单位Unit	参数Parameter
材质Material		面层Face: glass Fiber	基布Scrim: GL
单位面积质量Grammas Per Square Meter		g/m ²	850±5%
厚度Thickness		mm	2.0±0.2
透气量 Air Permeability(200Pa)		L/dm ² .min	200_250
耐热温度	连续Cont	℃	260
Temperature Resistance	瞬间Peaks		280
拉伸断裂强力	纬向Warp	N/50*200mm	≥2800
Minimum Breaking Strength	经向Weft		≥2800
断裂伸长率	纬向Warp	%	≤10
Elongation at Break	经向Weft		≤10
表面处理 Surface Design Treatment	、热定型, PTFE渗膜 Singeing,Calendering,Heat-set,PTF		
应用领域 Using Scope	, 钢铁, 高炉煤气Cement klin head and tail , Steel,Bla		

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P84 NEEDLE FELT			

Item		Unit	Parameter
Material		Face: 100%P84	Scrim: 100%P84
Grammas Per Square Meter		g/m^2	550±5%
Thickness		mm	2.0±0.2
Air Permeability(200Pa)		$L/dm^2.min$	100_200
Temperature Resistance	Cont	°C	240
	Peaks		260
Minimum Breaking Strength	Warp	N/50*200mm	≥1000
	Weft		≥1200
Elongation at Break	Warp	%	≤30
	Weft		≤50
Surface Design Treatment	Singeing,Calendering,Heat-set		
Using Scope	Coal-fired power plantChemical industry		

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E class fiber Texturized filter cloth PTFE membrane

Item		Unit	Parameter
Material		fiber glass	Scrim: 100%fiber glass
Grammas Per Square Meter		g/m^2	750±5%
Weight		oz/sq.yd	22
Weaven Pattern			Double Twill
Temperature Resistance	Cont		260
	Peaks		300
Minimum Breaking Strength	Warp	Lbs/inch	≥528
		N/25mm	≥2400
	Weft	Lbs/inch	≥440
		N/25mm	≤2000
	cfm		4-10
	cm3/cm2/s.127pa		2-5
Surface Design Treatment	PTFE finished iaminated PTFE membrane		
Using Scope	Coal-fired power plantChemical industry		

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P84 Needle Felt

Item		Unit	Parameter
Material		Face: 100%P84	Scrim: 100%PTFE
Grammas Per Square Meter		g/m^2	550±5%
Thickness		mm	1.8±0.2
Air Permeability(200Pa)		$L/dm^2.min$	240_280
Temperature Resistance	Cont	°C	160
	Peaks		190
Minimum Breaking Strength	Warp	N/50*200mm	≥800
	Weft		≥1000
Elongation at Break	Warp	%	≤30
	Weft		≤50
Surface Design Treatment	Singeing,Calendering,Heat-set		
Using Scope	Coal-fired power plant, Chemical industry		