



Glass filament fabric silanes 48g/m²

Technical Data Sheet Glass filament fabric silanes 48g/m²

Weight	g/m²	48 +/- 10 g/m²
Weave		Plain
Density of threads	Chain	20 x EC7 25 tex/cm
Density of threads	Shot	20 x EC7 25 tex/ cm
Width		127 +/- 1cm
Lenght	cm	100 +/- 2 cm
Test conditions	Room temperature	25 ° C
Humidity		68 %

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Glass filament fabric silane 80 Twill

Technical Data Sheet Glass filament fabric silanes 80g/m² Twill

General data

Glass type	E GLASS
Adhesion promoter	Silanes
Resin Compatibility	Epoxy resin
Color	White
Filament Diameter	9µm
Yarn	EC9-33X1TEX

Features

		Values	Standard No.
Loss of Ignition (%)		0,74	GB/T 9914.2-2001
Moisture content (%)		0,05	GB/T9914.1-2001
Density (ends/cm)	Chain	12	
	Shot	11,8	
Tear resistance (N/50*200mm)	Chain	422	
	Shot	428	
Weight (g/m²)		73	
Width (cm)		100 ± 2.0	

Test conditions:

Room temperature: 24°C Humidity: 48%

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Glass Filament Fabric Silane 80 Plain

Technical Data Sheet Glass Filament Fabric Silane 80 Plain

General data

Glass type	E GLASS
Adhesion promoter	Silanes
Resin Compatibility	Epoxy resin
Color	White
Filament Diameter	9µm
Yarn	EC9-33X1TEX
Softening point	750-800°C
Melting Point	900-1000°C

Features

		Values	Standard No.
Loss of Ignition (%)		0,74	GB/T 9914.2-2001
Moisture content (%)		0,05	GB/T9914.1-2001
Density (ends/cm)	Chain	12	
	Shot	11,8	
Tear resistance (N/50*200mm)	Chain	422	
	Shot	428	
Weight (g/m²)		73	
Width (cm)		100 ± 2.0	

Test conditions:

Room temperature: 24°C Humidity: 48%

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Glass filament fabric silane 110 twill

Technical Data Sheets Glass Filament Fabric Silane 110 Twill

General data

Glass type	E GLASS
Adhesion promoter	Silanes
Resin Compatibility	Epoxy resin
Color	White
Filament Diameter	9µm
Yarn	EC9-33X1TEX

Features

		Values	Standard No.
Loss of Ignition (%)		0,58	GB/T 9914.2-2001
Moisture content (%)		0,02	GB/T9914.1-2001
Density (ends/cm)	Chain	16	
	Shot	14,8	
Tear resistance (N/50*200mm)	Chain	586	
	Shot	783	
Weight (g/m²)		105	
Width (cm)		100 ± 2.0	

Test conditions:

Room temperature: 19°C Humidity: 52%

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Glass Filament Fabric Silane 110 Plain **DDComposite**

Technical Data Sheets Glass Filament Fabric Silane 110 Plain

General data

Glass type	E GLASS
Adhesion promoter	Silanes
Resin Compatibility	Epoxy resin
Color	White
Filament Diameter	9µm
Yarn	EC9-33X1TEX

Features

		Values	Standard No.
Loss of Ignition (%)		0,60	GB/T 9914.2-2001
Moisture content (%)		0,04	GB/T9914.1-2001
Density (ends/cm)	Chain	16	
	Shot	14,8	
Tear resistance (N/50*200mm)	Chain	816	
	Shot	716	
Weight (g/m²)		106	
Width (cm)		100 ± 2.0	

Test conditions:

Room temperature: 19°C Humidity: 52%

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Glass filament fabric silanes 160 Twill

Technical Data Sheets Glass filament fabric silanes 160 Twill

General data

Glass type	E GLASS
Adhesion promoter	Silanes
Resin Compatibility	Epoxy resin
Color	White
Filament Diameter	9µm
Yarn	EC9-33X1TEX

Features

		Values	Standard No.
Loss of Ignition (%)		0,5	GB/T 9914.2-2001
Moisture content (%)		0,08	GB/T9914.1-2001
Density (ends/cm)	Chain	12	
	Shot	11,6	
Tear resistance (N/50*200mm)	Chain	1180	
	Shot	1126	
Weight (g/m²)		159	
Width (cm)		100 ± 2.0	

Test conditions:

Room temperature: 24°C Humidity: 50%

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Glass filament fabric silane 160 Plain

Technical Data Sheets Glass filament fabric silane 160 Plain

General data

Glass type	E GLASS
Adhesion promoter	Silanes
Resin Compatibility	Epoxy resin
Color	White
Filament Diameter	9µm
Yarn	EC9-33X1TEX
Softening point	750-800°C
Melting Point	900-1000°C

Features

		Values	Standard No.
Density (ends/cm)	Chain	12	
	Shot	12	
Tear resistance (N/50*200mm)	Chain	1256	
	Shot	1248	
Weight (g/m²)		159	
Width (cm)		100 ± 2.0	

Test conditions:

Room temperature: 25°C Humidity: 68%

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Glass filament fabric silanes 200 Twill

Technical Data Sheets Glass filament fabric silanes 200 Twill

General data

Glass type	EGLASS cloth
Adhesion promoter	Silanes
Resin Compatibility	Epoxy resin
Color	White

Features

		Values	Test Method
Loss of Ignition (%)		0,56	ISO 1887
Moisture content (%)		0,08	ISO 3344
Density (ends/cm)	Chain 0°	15,9	ISO 4602
	Shot 90°	13	ISO 4602
Tear resistance (N/50mm)	Chain 0°	1749	ISO 4606
	Shot 90°	1483	ISO 4606
Weight (g/m²)		198	ISO 3374
Width (cm)		100 ± 1.0	

Test conditions:

Room temperature: 21°C Humidity: 52%

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Glass filament fabric silanes 200 Plain

Technical Data Sheets Glass filament fabric silanes 200 Plain

General data

Glass type	E GLASS
Adhesion promoter	Silanes
Resin Compatibility	Epoxy resin
Color	White
Filament Diameter	9µm
Yarn	EC13-66X3TEX

Features

		Values	Standard No.
Loss of Ignition (%)		0,50	GB/T 9914.2-2001
Moisture content (%)		0,03	GB/T9914.1-2001
Density (ends/cm)	Chain	8,0	
	Shot	6,9	
Tear resistance (N/50*200mm)	Chain	2678	
	Shot	2568	
Weight (g/m²)		198	
Width (cm)		100 ± 1.0	

Test conditions:

Room temperature: 21°C Humidity: 52%

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Glass filament fabric silane 280 Twill

Technical Data Sheest Glass filament fabric silane 280 Twill

General data

Glass type	E GLASS
Adhesion promoter	Silanes
Resin Compatibility	Epoxy resin
Color	White
Filament Diameter	9µm

Features

		Values	Standard No.
Loss of Ignition (%)		0,58	GB/T 9914.2-2001
Moisture content (%)		0,04	GB/T9914.1-2001
Density (ends/cm)	Chain	8	
	Shot	7	
Tear resistance (N/50*200mm)	Chain	3789	
	Shot	3017	
Weight (g/m²)		285	
Width (cm)		100 ± 1.0	

Test conditions:

Room temperature: 25°C Humidity: 61%

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Glass Filament Fabric Silane 280 Plain

Technical Data Sheets Glass Filament Fabric Silane 280 Plain

General data

Glass type	E GLASS
Adhesion promoter	Silanes
Resin Compatibility	Epoxy resin
Color	White
Filament Diameter	13µm
Yarn	EC13-66X3TEX

Features

		Values	Standard No.
Loss of Ignition (%)		0,69	GB/T 9914.2-2001
Moisture content (%)		0,04	GB/T9914.1-2001
Density (ends/cm)	Chain	7,9	
	Shot	6,9	
Tear resistance (N/50*200mm)	Chain	2898	
	Shot	2768	
Weight (g/m²)		298	
Width (cm)		100 ± 1.0	

Test conditions:

Room temperature: 23°C Humidity: 56%

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Glass filament fabric silane 390 Twill

Technical Data Sheets Glass filament fabric silane 390 Twill

General data

Glass type	E GLASS
Adhesion promoter	Silanes
Resin Compatibility	Epoxy resin
Color	White
Filament Diameter	13µm

Features

		Values	Standard No.
Loss of Ignition (%)		0,71	GB/T 9914.2-2001
Moisture content (%)		0,04	GB/T9914.1-2001
Density (ends/cm)	Chain	8	
	Shot	7	
Tear resistance (N/50*200mm)	Chain	3680	
	Shot	3890	
Weight (g/m²)		392	
Width (cm)		100 ± 1.0	

Test conditions:

Room temperature: 23°C Humidity: 62%

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Glass Filament Fabric Silane 390 Plain

Technical Data Sheets Glass Filament Fabric Silane 390 Plain

General data

Glass type	E GLASS
Adhesion promoter	Silanes
Resin Compatibility	Epoxy resin
Color	White
Filament Diameter	13µm

Features

		Values	Standard No.
Recommended storage temperature (°C)		23	GB/T 9914.2-2001
Recommended Storage Humidity (%)		62%	GB/T9914.1-2001
Density (ends/cm)	Chain	8	
	Shot	7	
Tear resistance (N/50*200mm)	Chain	2500	
	Shot	2200	
Weight (g/m²)		400+/-32	
Width (cm)		100 ± 1.0	

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