

Lijian Composite Materials Co.,LTD.

www.fiberglass-mat.com-Sale@fiberglass-mat.com-Tel :+86-13776546919-Fax:+86-25-68923190

High Strength Glass Fiber

- Working temperature: -70℃ ~1000℃
- Resistance to ozone, oxygen, light and weather aging
- High strength, high modulus, low shrinkage, deformation
- Serials-1:High strength glass fiber yarns
- Serials-2:High strength glass fiber fabrics



HS2,HS4 High Strength Glass Fiber Technical Datas

Unit	HS2	HS4	E-GLASS
MPa	4020	4600	3140
GPa	82.9	86.4	73.0
g/cm ³	2.54	2.53	2.54

Serials-1:High strength glass fiber yarns

Items	TEX	Twisted	Twist Turns TPM	Breaking Strength N	Type
SC8-12X1X2	24±2.4	S	55/110	>14	Textile Yarn
SC8-12X1X4;SC8-24X1X2;	48±4.8	S	55/110	>28	
SC8-12X2X3;SC8-24X1X3;	72±7.2	S	55/110	>42	
SC8-12X2X4;SC8-24X1X4;	96±9.6	S	55/110	>56	
SC8-240	240±224	/	/	>120	Multi-ends Roving
SC8-480	480±48	/	/	>215	
SC8-960	960±90	/	/	>430	
SC8-1200	1200±80	/	/	>540	
SC8-2400	2400±120	/	/	>1080	



Lijian Composite Materials Co.,LTD.

www.fiberglass-mat.com-Sale@fiberglass-mat.com-Tel :+86-13776546919-Fax:+86-25-68923190

- Serials-2:High strength glass fiber fabrics

Codes	Yarns	Count		Breaking Strength		Mass g/m ²	Texture
		ends/cm		N/25mm			
		Warp	Weft	Warp	Weft		
SW80B-90b	SC8-12x1x2	16	16	500	500	80	Twill
SW100A-90a	SC8-12x1x2	20	20	550	550	100	Plain
SW110C-90a	SC8-12x1x2	22	22	600	600	110	4HS
SW140B-90a	SC8-12x2x2	14	14	900	900	140	Twill
SW140C-90a	SC8-12x2x2	14	14	900	900	140	4HS
SW180D-90a	SC8-12x2x2	18	18	1200	1200	180	5HS
SW210B-92a	SC8-12x2x3	16	12	1600	1350	210	Twill
SW210A1-92a	SC8-24X1X3	16	12	1600	1350	210	Plain
SW220B-90a	SC8-12x2x3	18	14	1900	1600	240	Twill
SW220C-90a	SC8-12x2x2	18	14	2000	1600	240	4HS
SW220D-90a	SC8-12x2x2	18	14	2000	1600	240	5HS
SW220B-90b	SC8-12x2x2	18	14	1900	1600	240	Twill
SW220C-90b	SC8-12x2x2	18	14	1900	1600	240	4HS
SW280F-90a	SC8-24X1X3	20	18	2000	1700	280	8HS
SW360A-100d	SC8-24X4X4	9	9	1350	1350	360	Plain
SGFW430	SC-1200	/	/	Warp>2800MPa		430	Unidirectional
SWR600-100	SC-1300/SC-900	2.6	2.6	4200	3600	600	Plain
SWR800-100	SC-1200/SC-1760	2	2	4800	4320	800	Plain

Important Notice

Loading(uploading)-Please do not drag and drop
Please place in dry and shade
Please do not open package before use

Nanjing Lijian Composite Materials Co.,LTD.
Tel:0086-25-68923190 0086-13776546919
Fax:0086-25-68923190
Web:www.fiberglass-mat.com
E-mail:Sales@fiberglass-mat.com