

FABRICS FOR GLASS REINFORCED PLASTICS (GRP)

Fabric type	Weave type	Yarn count per 10 cm, pieces		Mass - area ratio, g/m ²	Thickness, mm	Tensile strength, N (kgf), not less		Loss on ignition, %	Width, cm	Emulsion type
		warp	weft			warp	weft			
T-10-14	satin 8/3	360+10	200±10	290±5%	0,23±15%	2940(300)	1568(160)	not less than 0,3	92(+2-1)%	aminosilane
T-11	satin 8/3 or satin 5/3	220+10	130±10	385±5%	0,30±15%	2744(280)	1568(160)	not more than 2,0	80,92,100(+2-1)%	wax emulsion
T-11-GVS-9	satin 8/3 or satin 5/3	220+10	130±10	385±5%	0,30±15%	1764(180)	931(95)	not more than 0,5	80,92,100(+2-1)%	vinyl silane
T-13 T-13P	plain	160+10	100±10	285±5%	0,27±15%	1764(180)	1176(120)	not more than 2,0	92(+2-1)%	wax emulsion
UTS-P-30A	satin 4/3	200+10	100±10	243±20	0,19±0,02	2450(250)	294(30)	not less than 0,5	(82,87,120)±2%	silane
CE-O-1	plain	100+10	90±10	195±16	0,20±0,02	686(70)	583(60)	-	(90,95,100)±2	vinyl silane
TR-0,3/2-30A	plain	50±1	20±1	350±30	0,30±0,05	3200(326)	1200(122)	0,5-1,0	92±1	silane
TR-0,7-30A	plain	30±2	20±2	830±80	-	3200(326)	2450(250)	not less than 0,5	90+2-1	silane
Rovistan-30A Rovistan-30A (execution 2)	Combined material: Roving backing fabric TR-0,37-30A (TR-0,47-30A) and the main roving of high linear density put together by knitting-piercing method, tricot weave.			590±30 730±40	-	3500(357) 3728(380)	1500(153) 1570(160)	0,5-1,0	92±1, 102+2-0 (92, 103)±1	silane
TRSHP-0,7-30A TRSHP-0,7-50	plain	50+1	25±1	600±30	0,7+0,1-0,2	-	-	not less than 0,5	(97, 107)±1%	silane
TR-560-30A	plain	30±1	30±1	560±40	0,45±0,05	2800(286)	2800(286)	not less than 0,35	(90, 100)±2	silane
TR-720-30A	plain	30±1	29±1	720±50	0,55±0,05	3500(357)	3500(357)	not less than 0,35	(90, 100)±2	silane
TRK-500-30A	Combined material: Roving backing fabric TR-0,32 and the main roving of high linear density put together by knitting-piercing method, tricot weaving.			500+30-20	-	3500(357)	1150(117)	not less than 0,3	92±1,5	silane
TG-200	twill 2/2	170+10	120±10	210±5	0,180±0,018	1570(160)	1250(128)	not more than 1,8	(100-200)+2-0	starch
TG-300-30A	satin 8/3	224±10	210±10	300±20	0,22±0,03	3000(306)	3000(306)	not more than 1,4	(100-200)+2-0	silane

TG-380	plain	100+10	80±10	380±30	0,32±0,03	3000(306)	2000(204)	not more than 1,8	(100-200)±1	starch
TG-430 TG-430-TO TG-430-30A TG-430-30A-Z	satin 4/3	200+10	100±10	420±30	0,38±0,03 0,38±0,03 0,34±0,03 0,34±0,03	3920(400) 3500(357) 3920(400) 3920(400)	1960(200) 1800(184) 1960(200) 1960(200)	not more than 1,8 not more than 0,5 not more than 1,4 not more than 1,4	(100-200)+2-0 (100-200)±1 (100-200)±1 (100-200)±1	starch starch silane silane
TG-530-Z	twill 2/2	250+10	120±10	535±20-10	050±0,03	4500(459)	2000(204)	not more than 1,8	(100-200)±1	starch
TG-600 TG-600-30A	check	140+10	140±10	600±40	0,50±0,07	4000(408)	3500(357)	not more than 1,8 not more than 1,4	(100-200)+2-0 (100-200)±1	starch silane
TG-660 TG-660-TO TG-660-30A	satin 8/3	160+10	160±10	660±40	0,50±0,05 0,60±0,06 0,50±0,05	5880(600) 5000(510) 5880(600)	3920(400) 3500(357) 3920(400)	not more than 1,8 not more than 0,5 not more than 1,4	(100-200)±1 (100-200)±1 (100-200)±1	starch starch silane
TG-667	twill 2/2	200+10	110±10	667±40	0,60±0,05	5000(510)	2600(265)	not more than 1,8	(100-200)+2-0	starch
TG-800 TG-800-30A	check	140+10	140±10	800±60	0,65±0,06	6000(612)	4500(459)	not more than 1,8 not more than 1,4	(100-200)±1 (100-200)±1	starch silane
ET-700	plain	80+10	60±2	700±50	not less than 0,9	1860(190)	1470(150)	0,5-1,5	(100,150,200) +3-0	starch, silane
ET-1100	plain or basket	120+10	60±2	1100±110	not less than 1,5	3720(380)	1270(130)	0,5-1,5	(100,150,200) +3-0	starch, silane

YARNS FROM HOLLOW FIBERS

Yarn type	Nominal diameter of filament, mkm	Number of plies of complex yarn	Total linear density of yarn, tex	Twisting direction: S-left Z - right	Number of twists per 1 m	Tensile strength, mN/tex(gf/tex), not less than	Loss on ignition, %	Emulsion characteristics
ECP11 9,4 x 2 Z 100	11	2	18,8+5%-7%	Z	100±15%	8820(900)	not more than 2,5	wax emulsion
ECP11 18,8 x 2 Z 100	11	2	37,6+5%-7%	Z	100±15%	17640(1800)	not less than 2,5	aminosilane
ECP11 18,8 x 3 Z 100	11	3	56,4+5%-7%	Z	100±15%	26460(2700)	not less than 0,6	aminosilane
ECP14 34 Z 40	14	1	34,0+5%-7%	Z	40±20%	6800(694)	not more than 2,5	wax emulsion
ECP20 68 Z 40	20	1	68,0+5%-7%	Z	40±20%	5780(590)	not more than 2,5	wax emulsion

GLASS FABRICS ON THE BASIS OF HOLLOW FIBER

Fabric type	Weave type	Yarn count per 10 cm, pieces		Mass - area ratio, g/m ²	Thickness, mm	Tensile strength N(kgf), not less than		Loss on ignition, %	Width, cm	Type of emulsion
		warp	weft			warp	weft			
T-15(P)-76	satin 5/3	240+10	180±10	160±16	0,19±0,03	784(80)	687(70)	not less than 0,6	(92 , 95)+2-1%	aminosilane
T-45(P)-76	satin 5/3	220+10	160±10	216±16	0,26±0,03	1176(120)	784(80)	not less than 0,6	(80, 95))+2-1%	aminosilane
T-24(P)	plain	220+10	200±10	80±8	0,090+0,015 -0,005	255(25)	255(25)	not more than 3	(90, 95))+2-1%	wax emulsion
T-300(P)-76	plain	100+10	100±10	300±40	0,33±0,03	1280(130)	1280(130)	1,0-2,5	120±1%	aminosilane

FILTERING FABRICS

Fabric type	Weave type	Yarn count per 1 cm, pieces		Mass - area ratio, g/m ²	Tensile strength, N (kgf), not less		Loss on ignition, %	Width, cm	Emulsion type	Type of impregnation
		warp	weft		warp	weft				
TSFT-4P	Twill 3/1	16+1	13±1	424±26	1960(200)	784(80)	not more than 1,8	44,0-45,2 cm of one piece of fabric	Paraffin emulsion	-
TSFT-4P-SFBM	Twill 3/1	16+1	13±1	424±26	1764(180)	637(65)	1,2 – 2,0	44,0-45,2 cm of one piece of fabric	Paraffin emulsion	Silicone fluoroplastic composition SFBM
TSFT-4P-SGF	Twill 3/1	16+1	13±1	424±26	1764(180)	637(65)	1,2 – 2,0	44,0-45,2 cm of one piece of fabric	Paraffin emulsion	Silicone fluoroplastic composition SGF

FILTERING MESHES

Mesh type	Weave type	Yarn count per 10 cm, pieces		Mass - area ratio, g/m ²	Tensile strength, N (kgf), not less		Loss on ignition, %	Width, cm	Emulsion type
		warp	weft		warp	weft			
SSF-0,6	Translucent (canvas)	72-74	72-76	350-410	1400	1400	1,0-3,5	90±2%	Paraffin emulsion
SSF-0,6-O	Translucent (canvas)	72-74	72-76	360-430	1600	1600	3,0-6,5	90±2%	Paraffin emulsion
SSF-1,0	Translucent (canvas)	57-63	57-63	280-350	1350	1350	1,0-3,5	90±2%	Paraffin emulsion
SSF-1,0-O	Translucent (canvas)	57-63	57-63	270-350	1400	1400	3,0-6,5	90±2%	Paraffin emulsion
SSF-4	Translucent (canvas)	90±3 30 Groups, 3 yarns each	100±3 33 Groups 3 yarns each	not more than 600	2450	2550	not more than 1,8	90±2%	Paraffin emulsion