

Technical data sheet TWISTED GLASS MULTIFILAMENT YARNS



The yarns are made of E-type aluminum-borosilicate glass.

Typical application: manufacture of various fabrics, nonwovens, electroinsulation of winding and hookup wires, manufacture of composites based on epoxy, epoxyphenol and other binding agents.

Physical and mechanical properties

Property*	Nominal diameter of filament	Resulting nominal linear density	Turns per meter in the twist	Specific tensile strength	Siz-ing	Loss on ignition
Unit	µm	tex (+5% / -7%)	turns	mN/tex (gf/tex)	-	%
EC 6 26 S100-14	6	26	100 (±15%)	590 (60)	Nº14	≥0,3
EC 6 34 S50-76	6	34	50 (±20%)	590 (60)	Nº76	0,7-1,3
EC 6 34x2 Z80	6	68	80 (±15%)	590 (60)	ПЭ	0,9-1,9
EC 6 34x2 Z80-34	6	68	80 (±15%)	590 (60)	Nº34	0,7-1,3
EC 8 44 S50	8	44	50 (±20%)	470 (48)	ПЭ	0,9-1,9
EC 9 52 S50	9	52	50 (±20%)	410 (42)	ПЭ	0,9-1,9
EC 9 52x2 Z100-76	9	104	100 (±15%)	410 (42)	Nº76	0,7-1,3
EC 9 52 S90	9	52	90 (±15%)	410 (42)	ПЭ	0,9-1,9
EC 9 52x2Z 100***	9	104	100 (±15%)	410 (42)	ПЭ	0,9-1,9
EC 9 68 S50	9	68	50 (±20%)	410 (42)	ПЭ	0,9-1,9
EC 9 68 S50-34	9	68	50 (±20%)	410 (42)	Nº34	0,7-1,3
EC 9 104 S50	9	104	50 (±20%)	410 (42)	ПЭ	0,9-1,9
EC 9 136 S50-34	9	136	50 (±20%)	410 (42)	Nº34	0,7-1,3
EC 10 84 S50	10	84	50 (±20%)	370 (38)	ПЭ	0,9-1,9
EC 10 84x2 Z150	10	168	150 (±10%)	370 (38)	ПЭ	0,9-,9
EC 10 84x3Z 250**	10	252	250 (±10%)	370 (38)	ПЭ	0,9-1,9
EC 10 160 S50-34	10	160	50 (±20%)	370 (38)	Nº34	0,7-1,3
EC 10 84x2 Z150	10	168	150 (±10%)	370 (38)	ПЭ	0,9-1,9

* Yarn twist direction: Z – right-hand, S – left-hand.

** 3-fold

*** 2-fold

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Unit of output is a bobbin. Weight of yarn on a bobbin is not less than 2 000 g.

Manufacture of yarns with other physical and mechanical properties is accepted upon agreeing about with a consumer.

Packaging:

Bobbins are packed in a corrugated-cardboard box. Every bobbin is paper-wrapped or dressed in a polyethylene bag.

Regulatory documents:

- GOST 8325-2015

Manufactured by:

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