

STANDARD PORTFOLIO – ROVINGS & TWISTED YARNS

DIRECT ROVING

Weight [Tex]	Filament Diameter [µm]	Unwinding	Min. QTY [KG]	Bobbin Weight [KG/bob]	# filaments
110	11	Internal	280	3-7	400
150	13	Internal	420	3-7	400
340	13	Internal	280	3-7	400
400	14	Internal	280	3-7	1000
600	17	Internal	280	3-7	1000
1200	19	Internal	280	3-7	1500
2000	21	Internal	528	12	2000

ASSEMBLED ROVING

Commonly available with 150tex 13µ:

Weight [Tex]	Filament Diameter [µm]	Unwinding	Min. QTY [KG]	Bobbin Weight [KG/bob]
300	13	External / Internal	700	5-8
600	13	External / Internal	700	5-8
1200	13	External / Internal	700	5-8
2400	13	External / Internal	700	5-8
2700	13	External / Internal	700	5-8

Commonly available with 400tex 14µ:

Weight [Tex]	Filament Diameter [µm]	Unwinding	Min. QTY [KG]	Bobbin Weight [KG/bob]
1200	14	External / Internal	700	5-8
2400	14	External / Internal	700	5-8

Commonly available with 600tex 17µ:

Weight [Tex]	Filament Diameter [µm]	Unwinding	Min. QTY [KG]	Bobbin Weight [KG/bob]
1200	17	External / Internal	700	5-8
2400	17	External / Internal	700	5-8
4800	17	External / Internal	700	5-8

Please note that on request other combinations of tex and filament diameter are possible, as well as roving can be produced with reduced catenary or with additional gluing. Contact us to customize your request.

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TWISTED YARN

Basalt twisted yarn is available on request.
Twisted roving of 68tex, 90tex, 100tex, 110tex up to 150tex.
Multiple twisted yarn up to 8 rovings.
Maximum 120 twist / meter



Weight [Tex]	Filament Diameter [µm]	Twists/direction	Min. QTY [KG]	Bobbin Weight [KG/bob]
68	10	40/Z	260	4
150tex x 2	13	40/Z	260	4

Tenacity of the twisted yarn :

10µm 68tex-136tex KV12	> 700 mN/tex
10µm	> 650 mN/tex
11µm	> 600 mN/tex
>11 µm	> 550 mN/tex

68tex-Z40	Tenacity > 700mN/tex	average measurement: 756 mN/tex
150tex*2 Z50	Tenacity >550 mN/tex	average measurement: 655 mN/tex

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