

Vietnam Fiber — Polyester Staple Fiber (PSF) Spec Sheet

Linxi Company Limited · Ho Chi Minh City, Vietnam · FOB HCMC · Recycled & virgin PSF

Standard grade range

Grade	Denier	Cut length	Luster	Application	Min order
Spinning — solid	0.9 / 1.2 / 1.4 / 1.5D	32 / 38mm	SD / BR	Ring & rotor spinning	5 MT
Nonwovens — solid	1.4 / 1.5 / 2.5 / 6D	32 / 38 / 51mm	SD	Spunlace, needle punch	5 MT
Filling — HCS	3 / 6 / 7 / 15D	32 / 51 / 64mm	SD	Pillows, toys, insulation	5 MT
Specialty — dope dyed	1.2 / 1.4 / 1.5 / 6D	32 / 38 / 51mm	BR / SD	Black, navy, custom colors	10 MT
Specialty — low melt	2.5 / 4 / 6D	38 / 51mm	SD	Thermal bond, automotive	10 MT
Specialty — fire retardant	1.4 / 2.5 / 6D	32 / 38 / 51mm	SD	Home textile, public transport	10 MT
Recycled (GRS)	0.9 - 15D	32 - 64mm	SD / BR	All of above, GRS certified	5 MT

Key specifications

Parameter	Standard range	Test method
Tenacity	≥ 4.5 cN/dtex (spinning grade)	ASTM D3822 / ISO 5079
Elongation at break	20 - 35% (denier-dependent)	ASTM D3822
Crimp frequency	3 - 6 crimps/cm (spinning), 8-12 (HCS)	Visual / TM
Crimp removal	≤ 5% (low melt, thermal bond)	Hot water test
Oil pick-up	0.15 - 0.30%	Solvent extraction
Moisture	≤ 0.5%	Oven method
Whiteness (Y)	≥ 78 (raw white), ≥ 88 (optical brightener)	Hunter Lab
Recycled content (GRS)	50% min for product label, 100% std production	GRS scope cert
Harmful substances	OEKO-TEX Class I compliant	OEKO-TEX Standard 100

Packaging & shipping

Standard bale: 250-280 kg, polyethylene wrap, PP-strapped. 40HC loads 25.5-27 MT depending on compression. FOB HCMC (Cat Lai + Cai Mep). CIF, DAP, and FOB alternate ports on request. Lead time 2-3 weeks virgin, 4-6 weeks recycled.

Certifications

GRS (Global Recycled Standard) — scope certificate per shipment, Transaction Certificate (TC) issued for every container. OEKO-TEX Standard 100 Class I. ISO 9001 / ISO 14001 at production partner facilities. Origin certification via ATIGA (Form D), EVFTA (Form EUR.1), and CPTPP / RCEP frameworks.

How to order

Email info@linxigroup.com with: spec (denier, cut length, luster, color), quantity, target shipment month, destination port. Sample orders from 5 MT welcome. Same-day quote on standard grades. Recurring monthly slots available.