

PVA Staple Fiber

WATER-SOLUBLE PVA STAPLE FIBER

TECHNICAL
REFERENCE

PROCESS
GUIDANCE

Document: Technical Data Sheet Product specifications	Polymer: PVA Polyvinyl alcohol	Code system: Internal SS20 / SF40 / SH70 / SH95
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Water-soluble PVA staple fiber. The table lists WTb reference temperatures and the corresponding fineness / cut-length pairs for material selection.

WTb RANGE 20-95 °C Typical test values	FINENESS RANGE 1.4-2.2 dtex Read with the paired length	CUT-LENGTH RANGE 38-75 mm Listed combinations only	SELECTION DATA Confirm the exact pair through sample evaluation.
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FIBER SPECIFICATIONS

Internal code	WTb (°C)	Fineness (dtex)	Cut length (mm)
SS20	20	1.7	38
		2.2	51
SF40	40	1.4	40
		1.4	51
		2.2	51
		2.2	75
SH70	70	1.4	38
		1.7	38
		2.2	75
SH95	95	1.7	38

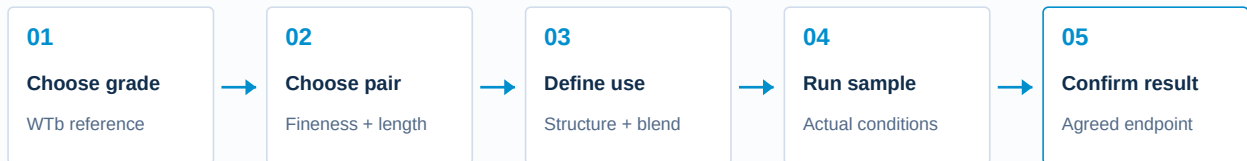
Paired options Select one fineness / length pair from the same row. SS / SF / SH are internal catalog selection codes; they do not establish supplier-grade equivalence.
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WTb basis: Dissolving temperature in water, WTb testing method. Published values are typical, not guaranteed. WTb is distinct from a production bath setting or a complete-removal time.

MATERIAL SELECTION & SAMPLE EVALUATION

Use the listed reference options to define a sample trial, then confirm the intended support and removal performance in the actual textile construction.

SELECTION FLOW: FROM REFERENCE DATA TO SAMPLE



PROCESS & SELECTION PARAMETERS

01 Material specification

Record the internal code and exact fineness / cut-length pair. Include the textile construction and blend proportion in the sample record.

02 Removal conditions

Record bath temperature, exposure time, agitation, liquor ratio and any additives used during the trial.

03 Performance evaluation

Check the required support function before removal and the removal endpoint afterward. Agree measurable acceptance criteria for the finished article.

04 Supply confirmation

Confirm the supplied lot specification, package format, availability and any additional fineness or length options before ordering.

WTb REFERENCE & PROCESS CONFIRMATION

The published table does not define a production bath recipe, dissolution duration or residual-fiber acceptance limit. Confirm these conditions for the intended process through sample evaluation.

TEXTILE & NONWOVEN APPLICATIONS

Embroidery lace backing

Spinning aids

Basting thread

Data basis: Published water-soluble PVA staple fiber table. Internal codes and the sample-evaluation workflow are catalog selection aids.