

Shiva fiber

Customer: 210002

Contact:

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Date:

2025-01-12

CERTIFICATE OF ANALYSIS

(QUALITY CONTROL RESULT)

Shiva fiber 4.5 dtex rd 51 mm

Lot 0551

General Product Data:

Polymer Core	Polyethylene terephthalate
Polymer Sheath	CoPET
Melting Point Core	255 °C
Melting Point Sheath	120 °C
Cross Section	Round
Function	Hygienic-Hydrophilic
Certificate of Analysis:	

Physical Properties	Unit	Specification Limits			Test method
		Value	Low	High	
Fiber Fineness	Dtex	3.9	3.6	4.2	INSO 1667
Staple Length	mm	51	44	53	INSO 6101
Over length	Mg/100g	6	5	8	INSO 6101
Staple Tenacity	cN/Dtex	2.8	2.3	3.2	INSO 2794
Elongation at Break	%	112	80	154	INSO 2794
Crimp per inch	Crimps/in	8	6	10	INSO 2962
Finish content by extraction	%	0.41	0.34	0.46	ASTM D2257
Total bacterial colony count	Cfu/g	<10	-	-	INSO 1830-2
Total fungal colony count	Cfu/g	<10	-	-	INSO 1830-2
Fiber Appearance	-	Qualified	-	-	-

Notes: This document is valid without signature.

