



Quality Index For Polyester Staple Fiber

BD05-XCPD01/02-07-04(2022A)-54

Product Name	SD RW HIGH-STRENGTH		Standard		
Code	X01S1GQ04		Specification		
Issuring Date	2024/1/5		Production Date		
Test Date	2023/12/29		Production Line		
Lot NO.	29-Dec				
Test Item	Unit	AA Grade	A Grade	Result	Testing Method
Length	mm	/	/	38.0	GB/T14336
Length Deviation	% ±	3.0	6.0	0.0	GB/T14336
Titer	dtex	/	/	1.57	GB/T14335
Deviation of Titer	% ±	3.0	4.0	0.6	GB/T14335
Tenacity at Break	G/D ≥	6.44	6.1	6.73	GB/T14337
Cvw Tenacity at Break	% ≤	9.0	12.0	4.3	GB/T14337
Tenacity at 10% Elongation	cN/dtex ≥	3.80	3.50	4.19	GB/T14337
Elongation at Break	%	25.0±4.0	25.0±5.0	22.4	GB/T14337
Over Length Fiber	% ≤	0.5	1.0	0.3	GB/T14336
Multiple Length Fiber	mg/100g ≤	2.0	3.0	0.3	GB/T14336
Defects	mg/100g ≤	2.0	6.0	0.1	GB/T14339
Crimp Number	pcs/25mm	11.0±2.5	11.0±3.5	11.4	GB/T14338
Crimp Removal	%	13.0±2.5	13.0±3.5	13.6	GB/T14338
Shrinkage in Hot Dry Air 180°C	%	6.5±2.0	6.5±3.0	6.1	FZ/T50004
Electricity Resistance	Ω · cm ≤	9.9*10 ⁸	9.9*10 ⁹	1.2*10 ⁷	GB/T14342
Hummidity	% ≤	0.60	0.80	0.48	GB/T6503
Oil Pick-up	%	0.13±0.03	0.13±0.04	0.15	
Grade	AA Grade				
Made by	姚小委	Check by	许霄	Check by	陈凤



Note: The above data is based on XFM instrument testing. Different manufacturers may have instrument differences. If in doubt, you can compare the instruments.