

## Acrylic Staple Fiber

Product Name:	Acrylic Staple Fiber
Production Process:	The product is manufactured by ternary copolymerizing with acrylonitrile as the main material and solution spinning with sodium thiocyanate as the solvent--one step process.
Properties:	Lightweight, good warmth retention property, soft hand, acid resistant, mildew-proof, anti-moth and unique thermoelasticity.
Grade:	1.67dtex, 3.33dtex, 6.67dtex delustred, semi-dull, lustrous acrylic staple fiber.

### 1.67 Dtex Acrylic Staple Fibre Specification

Test Items		Unit	Premium-grade	1st-grade	2nd-grade	3rd-grade	Test method
Primary Items	titer deviation	%	-4	-8	-10	-12	GB/T 14335-93
	breaking tenacity	CN dtex $\geq$	2,7	2,6	2,5	2	GB/T14337-93
	over-cut fiber	% $\leq$	0,05	0,05	0,2	0,8	GB/T 14336-93
	defect	mg/100g $\leq$	20	20	40	80	GB/T14339-93
	degree of crimps	%	8.Ara	8.Ara	<8;> 12	--	G/BT 14338-93
	dye-uptake	%	M <sub>1</sub> + -4	M <sub>1</sub> + -4	M <sub>1</sub> + -5	M <sub>1</sub> + -7	GB/T16602-96
Secondary Items	length deviation	%	-8	-12	--	--	GB/T 14336-93
	breaking elongation	%	27-40	25-40	--	--	GB/T14337-93
	loop tenacity	CN dtex $\leq$	2,5	2,5	--	--	GB/T14337-93
	over-length fiber	% $\leq$	2	3	--	--	GB/T14336-93
	shrinkage in boiling water	% $\leq$	2	2	--	--	Q/SH012.06.01-96
	sodium thiocyanate	% $\leq$	0,002	0,05	--	--	Q/SH012.06.01-96
	oil-content	%	M <sub>2</sub> + -0.10	M <sub>2</sub> + -0.10	--	--	GB/T 14340-93

note: M<sub>1</sub>=90; M<sub>2</sub>=0.25

Major Applications:	raw material to produce pure polyacrylic fiber fabrics and polyacrylic-cotton blend fabrics.
Packing:	160kg and 250kg net (central value) each in PP woven bags coated with plastics and tightened with PP yarn belts.
Storage:	Separately stored in dry, ventilated warehouse equipped with firefighting facilities according to different types, grades and lot no.
Transportation:	Products in bags are suitable for rail, road and sea transportation.
Safety Precautions:	1. Keep away from fire and heat sources. 2. Can not be transported or stored together with chemicals of oils, acids

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