

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.

3.33Dtex Acrylic Staple Fibre Specification

Test Items		Unit	Premium-grade	1st-grade	2nd-grade	3rd-grade	Test method
Primary Items	titer deviation	%	-5	-10	-12	-14	GB/T 14335-93
	breaking tenacity	CN /tex \geq	2,5	2,5	2,3	1,9	GB/T14337-93
	over-cut fiber	% \leq	0,3	0,3	0,6	1	GB/T 14336-93
	defect	mg/100g \leq	20	60	100	200	GB/T14339-93
	dye-uptake	%	M ₁ +4	M ₁ +4	M ₁ +5	M ₁ +7	GB/T16602-96
	length deviaton	%	-8	-12	--	--	GB/T 14336-93
Secon-ary Items	breaking elongation	%	32-45	32-45	--	--	GB/T14337-93
	loop tenacity	CN/dtex \leq	2,1	2,1	--	--	GB/T14337-93
	No. Of crimps	No./10cm \geq	40	25	--	--	GB/T14338-93
	shrinkage in boiling water	% \leq	2	2	--	--	Q/SH012.06.01-96
	sodium thiocyanate	% \leq	0,002	0,08	--	--	Q/SH012.06.01-96
	oil-content	%	M ₂ +0.05	M ₂ +0.05	--	--	GB/T 14340-93
	titanium dioxide	%	M ₃ +0.15	M ₃ +0.15	--	--	Q/SH012.06.01-96

note: M₁=90; M₂=0.25; M₃=0.35

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, ventileted 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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