

Wenzhou YiTong SP PET Quality Standard

NO.: YTQS - 003

**100% spunbond
polyester nonwoven
fabric**

Filament cross-section: Round
Weight range(gsm): 15-180
Max width (meter) : 3.2
Denier: 4d

item	unit	detection value	samples quantity	The coefficient of variation(CV)	standard
weight	g/m2	81	10	0.027	ASTM D 5261
Tensile strength MD	N	298	10	0.086	ASTM D 4632
Tensile strength MD rate	%	31.5	10	0.169	ASTM D 4632
Tensile strength CD	N	246	10	0.071	ASTM D 4632
Tensile strength CD rate	%	35.2	10	0.057	ASTM D 4632
Trapezoidal tear strength MD	N	44	10	0.121	ASTM D 4533
Trapezoidal tear strength CD	N	35	10	0.129	ASTM D 4533
Puncture strength	N	107	10	0.081	ASTM D 4833
water permeability θ	l/s	0.172	5	0.02	ASTM D 4491
AOS apparent opening size O95	mm	<0.061	5	/	ASTM D 4751

item	unit	detection value	samples quantity	The coefficient of variation(CV)	standard
weight	g/m2	101	10	0.138	ASTM D 5261
Tensile strength MD	N	372	10	0.073	ASTM D 4632
Tensile strength MD rate	%	20.8	10	0.132	ASTM D 4632
Tensile strength CD	N	260	10	0.060	ASTM D 4632
Tensile strength CD rate	%	28.9	10	0.084	ASTM D 4632
Trapezoidal tear strength MD	N	64	10	0.202	ASTM D 4533
Trapezoidal tear strength CD	N	44	10	0.192	ASTM D 4533
Puncture strength	N	154	10	0.099	ASTM D 4833
water permeability θ	l/s	0.266	5	0.035	ASTM D 4491
AOS apparent opening size O95	mm	<0.061	5	/	ASTM D 4751