



ACETex® PP is made of durable and high tenacity polypropylene (PP) fibers comprising of monofilament and/or multifilament. It has moderate opening size and high permeability with innovative weaving structure. It can be widely used for reinforcement, separation, containment and filtration in long term.

## Product Properties

Mechanical Index Properties	Test Method	Unit	GT50-II PP	GT70-II PP	GT100-II PP	GT120-II PP	GT175-II PP	GT200-II PP	GT250-II PP	GT300-II PP
Material			High Tenacity and Durable Polypropylene Filament							
Tensile Strength - MD	ASTM D4595	kN/m	50	70	100	120	175	200	250	300
Tensile Strength - CD	ASTM D4595	kN/m	50	70	100	120	175	200	250	300
Static Puncture Resistance (CBR)	ASTM D6241	N	4200	9000	11000	15000	24000	24000	30000	30000
Hydraulic Index Properties										
Flow Rate	ASTM D4491	l/m <sup>2</sup> /min	1800	1500	1800	1800	1500	1500	1200	600
Permittivity (50mm head)	ASTM D4491	1/sec	0.6	0.5	0.6	0.6	0.5	0.5	0.4	0.2
Apparent Opening Size	ASTM D4751	mm	0.425	0.425	0.425	0.425	0.425	0.297	0.595	0.595
Packing Properties										
Width		m	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5

Note.

1. The maximum width of ACETex® PP woven geotextiles is up to 5.2m and the value shown on the data sheet is the most effective dimension.

2. The values given are indicative and correspond to an average of results obtained in ACE laboratory and international testing institutions. The right is reserved to make changes without notice.

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We can customize the product to fulfill different project requirement. If you require more detail information,  
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We'll be pleased to provide our best assistance.

**Accurate, Collaborative, Efficient**

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