



**A.G.A Group**  
 Merton Hall Ponds  
 Merton, Thetford  
 Norfolk IP25 6QH  
 Telephone: +44 (0) 1953 886824  
 Email: info@agagroup.org.uk  
 www.agagroup.co.uk

Product Specification Sheet

**A.G.A. Advance**  
 High Strength Woven Geotextile.  
 Reinforce - Separate

<i>Advance Range</i>			110/110	165/165	220/220	330/50
<i>Mechanical Properties</i>	Test	Units				
Tensile Strength - MD	EN ISO 10319	kN/m	110	165	220	330
Tensile Strength - XD	EN ISO 10319	kN/m	110	165	230	55
Strength at 6 % elongation	EN ISO 10319	kN/m	> 62,5	> 80	> 90	> 140
Strength at 10 % elongation	EN ISO 10319	kN/m	> 110	> 150	> 200	> 290
Elongation at break - MD	EN ISO 10319	%	11	11	10	10
Elongation at break - XD	EN ISO 10319	%	11	11	10	10
CBR Puncture Resistance	EN ISO 12236	N	8 000	14 000	21 000	8 000
Dynamic Cone Drop	EN ISO 13433	mm	15	21	28	25
<i>Hydraulic Properties</i>						
Characteristic Opening Size	EN ISO 12956	µm	250.0	190.0	400.0	100.0
Hydraulic Velocity	EN ISO 11058	m/s	25 x 10 <sup>3</sup>	20 x 10-3	30 x 10-3	9 x 10-3
Permeability	EN ISO 11058	l/m <sup>2</sup> .s	25	20	30	9
<i>Physical Properties</i>						
Thickness under 2 kPa	EN ISO 9863-1	mm	0.55	0.70	1.15	1.30
Weight	EN ISO 9864	g/m <sup>2</sup>	317	477	660	560

The A.G.A. Group provided this information for reference purposes only. This specification is not intended as a warranty or guarantee. The company assumes no liability in connection with the use of this information. Please contact us for current specifications and changes arising from new developments.

05.07.12

