

OCEAN POLYESTER BIAXIAL GEOGRID

PROPERTY		TEST METHOD	UNIT	OG/GG 20kN	OG/GG 30kN	OG/GG 40kN	OG/GG 60kN	OG/GG 80kN	OG/GG 90kN	OG/GG 100kN	OG/GG 150kN	OG/GG 200kN	
Ultimate Tensile Strength ¹	MD	ASTM D 6637 EN ISO 10319	kN/m	20	30	40	60	80	90	100	150	200	
	CD			20	30	40	60	80	90	100	150	200	
Elongation At Nominal Strength	MD		%	12	12	12	12	12	12	12	12	12	12
	CD			12	12	12	12	12	12	12	12	12	12
Tensile strength at 2 % strain	MD		kN/m	3	4.5	6	9	12	13.5	15	22.5	30	
	CD			3	4.5	6	9	12	13.5	15	22.5	30	
Tensile strength at 5% strain	MD		kN/m	5	7.5	10	15	20	22.5	25	37.5	50	
	CD			5	7.5	10	15	20	22.5	25	37.5	50	
Physical Properties													
Aperture Size (Tolerance ± 3 mm)			mm	27*27	21*27	21*25	21*25	21*25	23*23	23*23	23*22	23*22	

Note: - The above values are derived out of tests conducted in our in-house test laboratory. Ocean Non Wovens solely reserves full right to alter/modify the above information in any form whatsoever. Given values are TYPICAL (average) values. While the information is presented as a true and accurate representation of the attributes of the products to the best of our knowledge, no expressed or implied warranties are made and Ocean Non Wovens assumes no responsibility or liability with regard to the use of this information. The values are average roll values in which all the properties are having +/-5% tolerances except elongation, permittivity, flow rate, permeability & AOS which are +/-10% tolerance values. (“≤” symbol represents greater than and equal to minus tolerance is not applicable to these values).