

POLYPROPYLENE BIAXIAL GEOGRID EBG Series

PP Biaxial Geogrid is made of the high molecular polymer through extrusion, forming, and punching before longitudinal and lateral stretching. This material has a considerable tensile strength in longitudinal and lateral directions. This chain structure can effectively bear and diffuse forces on soil and is applicable to large area permanent load-bearing foundations as a reinforcement.

Product Specifications

PROPERTIES	UNIT	MINIMUM AVERAGE VALUE						
		EBG 15-15	EBG 20-20	EBG 25-25	EBG 30-30	EBG 35-35	EBG 40-40	EBG 45-45
Ultimate Tensile Strength (MD)	kN/m	15	20	25	30	35	40	45
Ultimate Tensile Strength (CD)	kN/m	15	20	25	30	35	40	45
Elongation (MD)	%	≤15						
Elongation (CD)	%	≤13						
Tensile strength at 2% strain (MD)	kN/m	5	7	9	10.5	30	30	30
Tensile strength at 2% strain (CD)	kN/m	5	7	9	10.5	30	30	30
Tensile strength at 5% strain (MD)	kN/m	7	14	17	21	24	28	32
Tensile strength at 5% strain (CD)	kN/m	7	14	17	21	24	28	32
Roll Width	M	1 ~ 6						