

GEOGRID

POLGRID BX 40/40 MAX



PROPERTIES	TEST METHOD	UNIT	IMPERIAL		METRICS		
			VALUE	TOLERANCE	UNIT	VALUE	TOLERANCE
MATERIAL							
Material	Polymer PP						
Unit Weight		oz/ft ²	1.64	±0.16	g/m ²	500	±50
Minimum carbon black		%	2		%	2	
MECHANICAL							
Peak tensile strength	EN ISO 10319	lb/ft	2946/2946	-206	kN/m	43/43	-3
Tensile strength at 2% strain MD/CMD	EN ISO 10319	lb/ft	1096/1096		kN/m	16/16	
Tensile strength at 5% strain MD/CMD	EN ISO 10319	lb/ft	2261/2261		kN/m	33/33	
Elongation at MAX load							
Along the band	EN ISO 10319	%	11	±1.5	%	11	±1.5
Band width			10	±1.5		10	±1.5
Junction efficiency	EN ISO 10319	%	100		%	100	
PHYSICAL							
Durability	Predicted to be durable for a minimum of 100 years in natural soils with 4< pH <9 and at soil temperatures <77°F (25°C) on the basis of durability assessment report BTTG 10/23388 and related test results To be covered within 1 month after installation						
Aperture size - MD		in	2.56	±0.47	mm	65	±12
Aperture size - CMD		in	2.56	±0.47	mm	65	±12
DELIVERY							
Roll length		ft	98.4	±1%	mm	30	±1%
Roll width		ft	13.1	±1%	mm	4	±1%

