

Biaxial Geogrid Technical Specifications

Parameter	Specifications	Test Standard
Material	UV-stabilized HDPE/PP	ASTM D883
Tensile Strength (MD/CMD)	10-40 kN/m (both directions)	ISO 10319
Aperture Size	15-50mm (square/rectangular)	EN ISO 10318
Elongation at Break	≤12% (both directions)	ASTM D6637
Junction Efficiency	≥90%	BS 8006-1
Roll Dimensions	Width: 2-6m; Length: 30-100m	-
Temperature Range	-50°C to +85°C	ASTM D5321
Chemical Resistance	Stable in pH 2-14	ISO 12960
Creep Characteristics	≤2% @ 60% load (10,000h)	ASTM D5262
UV Resistance	5,000+ hours (≤20% strength loss)	ASTM G154