

Uniaxial Geogrid

Geosynthetic Product Specification

Product overview

Technical specifications for Uniaxial Geogrid, organized by the product codes, source specification columns or product types listed in the available product data.

TECHNICAL SPECIFICATIONS

MJYUG series / MJYUG25, MJYUG35, MJYUG50

Property	Unit	MJYUG25	MJYUG35	MJYUG50
Tensile Strength ≥ (HDPE)	kN/m	≥25	≥35	≥50
Tensile Strength ≥ (PP)	kN/m	≥25	≥35	≥50
Elongation (PP)	%	10	10	10
Strength at 2% elongation ≥ (HDPE)	kN/m	≥6	≥9	≥10
Strength at 2% elongation ≥ (PP)	kN/m	≥7	≥10	≥12

MJYUG series / MJYUG80, MJYUG120, MJYUG150

Property	Unit	MJYUG80	MJYUG120	MJYUG150
Tensile Strength ≥ (HDPE)	kN/m	≥80	≥120	≥150
Tensile Strength ≥ (PP)	kN/m	≥80	≥120	≥150
Elongation (PP)	%	10	10	10
Strength at 2% elongation ≥ (HDPE)	kN/m	≥23	≥35	≥46
Strength at 2% elongation ≥ (PP)	kN/m	≥26	≥38	≥48

BGUG series / BGUG25, BGUG35, BGUG50

Property	Unit	BGUG25	BGUG35	BGUG50
Tensile Strength $\geq$ (HDPE)	kN/m	≥ 25	≥ 35	≥ 50
Tensile Strength $\geq$ (PP)	kN/m	≥ 25	≥ 35	≥ 50
Elongation (PP)	%	10	10	10
Strength at 2% elongation $\geq$ (HDPE)	kN/m	≥ 6	≥ 9	≥ 10
Strength at 2% elongation $\geq$ (PP)	kN/m	≥ 7	≥ 10	≥ 12

BGUG series / BGUG80, BGUG120, BGUG150

Property	Unit	BGUG80	BGUG120	BGUG150
Tensile Strength $\geq$ (HDPE)	kN/m	≥ 80	≥ 120	≥ 150
Tensile Strength $\geq$ (PP)	kN/m	≥ 80	≥ 120	≥ 150
Elongation (PP)	%	10	10	10
Strength at 2% elongation $\geq$ (HDPE)	kN/m	≥ 23	≥ 35	≥ 46
Strength at 2% elongation $\geq$ (PP)	kN/m	≥ 26	≥ 38	≥ 48

Technical disclaimer

Specifications shown in this document are based on the available product data for the listed grade or series. Final specifications, dimensions and documentation should be confirmed according to the selected product and project requirements.