Enka®solutions

Enkagrid® TRC 30

Geocomposite for soil stabilization

Technical data sheet

Product description

Polymer	Density	Melting Point	Construction
Aramid Geogrid/PET-PA Nonwoven	-	-	Multifilament/nonwoven

Properties

Mechanical Properties	Standard	Performance
Nominal tensile strength - MD	EN ISO 10319	≥ 30 kN/m
Nominal tensile strength - CMD	EN ISO 10319	≥ 30 kN/m
Elongation at nominal strength - MD	EN ISO 10319	2,7 %
Elongation at nominal strength - CMD	EN ISO 10319	2,7 %
Tensile strength at 1% elongation - MD	EN ISO 10319	n.p.d.
Tensile strength at 1% elongation - CMD	EN ISO 10319	n.p.d.
Tensile strength at 2% elongation - MD	EN ISO 10319	21 kN/m
Tensile strength at 2% elongation - CMD	EN ISO 10319	21 kN/m
Tensile strength at 3% elongation - MD	EN ISO 10319	n.p.d.
Tensile strength at 3% elongation - CMD	EN ISO 10319	n.p.d.
Tensile strength at 5% elongation - MD	EN ISO 10319	n.p.d.
Tensile strength at 5% elongation - CMD	EN ISO 10319	n.p.d.

Nominal strength represents the 95% confidence limit

Dimensions

Aperture size		14 x 14 mm
Weight	EN ISO 9864	150 g/m2
Length x width		100 x 5,0 m
Length / diameter of roll		5,05 / 0,35 m
Gross weight		91 kg
Truck Load Volume (+/-)		48000 m²
Color code		green blue

Durability

Predicted minimal durability in years in natural soils with 4 < pH < 9 and soil temperatures < 25°C	Applicable application standard: Annex B	25
Maximum allowed time between installation and covering of the geosynthetic	EN 12224	2 weeks

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The Quality Management System of Low & Bonar has been approved to the ISO 9001 Quality Management System Standard. Certificates are available on request.

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