

Enka-Vent

Product Information

Product description

Enka-Vent is a flexible three-dimensional matting, produced from polyamide 6 monofilaments welded together where they cross to form a tough, open structured matting having >95% free space. Mattings wider than 1 m are made by thermally joining 1 m wide lanes.

Properties

Raw material	: Polyamide 6		
Polymer density	: 1140	kg/m ³	
Melting point	: 214	°C	
Colour	: Black		
UV Stabilizers	: Carbon black and others		
Temperature resistance	: From -30 °C to +80 °C, no reduction in flexibility or strength		
Weight	: 260	g/m ²	EN 965
Thickness, 2 kPa	: 10	mm	EN 964-1
Tensile strength			
- longitudinal direction	: 1.5	kN/m	EN 10319
- transverse direction	: 1.2	kN/m	EN 10319
Tensile strength of the joints	: 0.8	kN/m	EN 10319
Matting density	: 25	kg/m ³	
Inflammability	: Classification B2		DIN 4102
Resistance to puncture	: 170	N	EN12236
Toxicity	: None		

Dimensions and weights

Type	Mattings			Rolls		
	Width m	Length m	Area m ²	Diameter m	Length m	Gross weight kg
7010/1	1.00	150	150.0	1.20	1.03	40
7010/2*	1.95	150	292.5	1.10	2.00	80
7010/4*	3.85	150	577.5	1.10	3.90	165
7010/6*	5.75	150	862.5	1.10	5.90	248

* No stock items.

Individual values may vary from above mentioned data.

Quality Assurance



The Quality Management of Colbond Geosynthetics, at Arnhem (development and sales) and Obernburg (production), has been approved by Lloyd's Register Quality Assurance Limited for the ISO 9001 quality management system standard (Certificate No. 9335136).

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