

Product:	Terraplast Geotex
Distributor:	MASTERPLAST Kft., 8143 Sárszentmihály, Árpád u. 1/a
Size, packaging:	1,0m×10m = 10m ² ; 1,5m×50m = 75m ² /roll
Application:	Intended use of geotextile according to the field of application: in the construction of roads and other trafficked areas; railways; earthworks, foundations and retaining structures; drainage structures; external erosion control system; construction of reservoirs and dams; construction of canals; solid waste disposals and in liquid waste containments projects: filtration and separation (F+S).
Material:	Non-woven, needle-punched Polypropylene

General properties	Test method	Technical data
Density of raw-material (Polypropylene)		0,9 g/cm ³
Melting point of raw-material (Polypropylene)		(+)165 °C
Width of roll		nominal value (±)0,5 %
Length of roll		nominal value (±)1 %
Mass per unit area	EN ISO 9864	100 (-10)g/m ²
Thickness (under a load of 2kPa)	EN ISO 9863	0,95 mm
Mechanical properties	Test method	Technical data
Tensile strength (MD/XD)	EN ISO 10319	8 (-1,04) kN/m / 8 (-1,04) kN/m
Elongation (MD/XD)	EN ISO 10319	40 (±9,2)% / 45 (±10,35)%
Puncture (CBR)	EN ISO 12236	1,3 (-0,13) kN
Cone drop test	EN ISO 13433	34 (+8,5) mm
Hydraulic properties	Test method	Technical data
Opening size (O ₉₀)	EN ISO 12956	0,1 (±0,03) mm
Water permeability normal to the plane	V_{H50} EN ISO 11058	0,11 (-0,033) m/s
	q EN ISO 11058	110 l/m ² s
Waterflow - estimated value (20 kPa, i=1)	EN ISO 12958	no data
Class of protection (Form stability at 300 kPa)	EN 13719	no data

Storage and handling
Under dry conditions, protected against atmospheric exposure, especially sun-radiation and other heat sources as well as against rain.

Guarantee, warranty:
In accordance with the current legislations and the conditions of the distributor. The observation of the application rules of the product and presentation of the invoice constitute a prerequisite for possible future warranty claims. To be covered within 1 month after installation!
Predicted to be durable for a minimum of 25 years in natural soils with 4<pH<9 and soil temperatures <25°C.

Standards, specifications
EN 13249, EN 13250, EN 13251, EN 13252, EN 13253, EN 13254, EN 13255, EN 13257, EN 13265: F+S

Health and safety
No labelling required in accordance with the relevant regulation (EC) No. 1907/2006 of the European Parliament and of the Council (REACH).

This datasheet corresponds to our current knowledge, experiences and general informations on the subject, but may be revised as new knowledge and/or experience becomes available. It does not imply any legally binding assurance. The product possesses the given technical characteristics. Since all variations of end-using of the product can not be anticipated, the designer/end-user's responsibility to make sure of the suitability of this product for particular purposes, structures.

This technical datasheet is applied to products sold by Masterplast Kft. and valid until withdrawal or until modification. Since this datasheet may be subject to revision, it is the responsibility of designer/end-user to make sure of possessing the latest version of the datasheet (*see date of issuing). Most recent version of this datasheet can be also accessed under www.masterplastgroup.com. Modification of the technical datasheet repeals the previously issued versions!