

**TERRAPLAST GEOTEX TP 8**

Product:	Terraplast Geotex TP 8	
Supplier:	MASTERPLAST Inc, www.masterplast.ca	
Size, packaging:	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:	Thermally bonded non-woven Polypropylene	

Properties	Relevant standards	Technical data
Density of raw-material (Polypropylene)		0.9 g/cm <sup>3</sup>
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	ASTM D 5261	100(-10)g/m <sup>2</sup>
Thickness (under a load of 2kPa)	ASTM D 5199	1.0 mm
Mechanical properties	Test method	Technical data
Grab strength (MD/CD)	ASTM D 4632	500 N/ 500/N
Grab elongation (MD/XD)	ASTM D 4632	50% /50%
Puncture strength	ASTM D 4833	285 N
CBR puncture resistance	ASTM D 6241	1240 N
Mullen Burst strength	ASTM D 3786	200 psi / 14.1 kg/cm <sup>2</sup>
Trapezoidal tear strength	ASTM D 4533	180 N
Energy index	ASTM D 4632	131
UV resistance	ASTM D 4355	70%
Trapezoidal tear strength	ASTM D 4533	225 N
Hydraulic properties	Test method	Technical data
Apparent opening size	ASTM D 4751	160 nm
Permeability	ASTM D 4491	150 l/(m <sup>2</sup> s)

<b>Storage and handling</b>
Under dry conditions, protected against atmospheric exposure, especially sun-radiation and other heat sources as well as against rain
<b>Guarantee, warranty</b>
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
<b>Standards, specifications</b>
ASTM

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. The manufacturer supposes essential technical skill and skillfull application during construction.

**This technical datasheet is applied to products sold by Masterplast Inc. 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.masterplastinternational.com](http://www.masterplastinternational.com). Herewith the previously issued versions of this datasheets lose their validity and must be replaced by this version!