

Terraplast Geotex TP 12

Thermally Bonded Nonwoven Geotextile

Technical Data

Properties	Test Method	Technical Data
Color		black
Length		Nominal value (±)0.5%
Width		Nominal value (±)1%
Density of raw material(polypropylene)		0.9g/cm ³
Melting point of raw material(polypropylene)		(+)165°C
Mass per unit area	ASTM D 5261	150 g/m ² (±)10 g/m ²
Thickness (under load of 2kPa)	ASTM D 5199	1.3mm
Grab Strength MD	ASTM D 4632	750N
Grab Strength CD	ASTM D 4632	750N
Grab Elongation MD	ASTM D 4632	60%
Grab Elongation CD	ASTM D 4632	60%
Puncture strength	ASTM D 4833	360 N
CBR Puncture resistance	ASTM D 6241	1780 N
Mullen Burst strength	ASTM D 3786	240 psi / 14.1 kg/cm ²
Mullen Burst strength	ASTN D 3786	16.96 kg/cm ²
Trapezoidal tear strength	ASTM D 4533	225 N
Energy index	ASTM D 4632	225 N
UV resistance	ASTM D 4355	75%
Apparent opening size	ASTM D 4751	140 µm
Permeability	ASTM D 4491	110 l/m ² s