TNT

Non-woven fabric

DESCRIPTION

Isoplam® non-woven fabric is a non-woven geotextile made of pure white polyester, mechanically bonded by needling. It is free from chemical or heat treatments.

EMPLOY

It can be used in a wide variety of fields, from agriculture to gardening and construction.
In the context of concrete flooring, it is used in combination with nylon to retain excess water that would tend to remain in contact with nylon. It does not require overlapping.

TECHNICAL AND PERFORMANCE DATA

Weight (EN 9864)	200 g/m^2 (+/- 10%)
Thickness at 2 kPa (EN 9863-1)	1,8 mm (+/ 20%)
Traction resistance (EN ISO 10319) - Longitudinal - Lateral	2 kN/m (-1 kN/m) 1,5 kN/m (-1 kN/m)
Elongation at breaking (EN ISO 10319) - Longitudinal - Lateral	50% (+/- 10%) 50% (+/- 10%)
Resistance to static punture (EN ISO 12236)	200 N (+/- 10%)
Resistance to dynamic punture (EN ISO 13433)	38 mm (+/- 10%)
Porometric O90 (EN ISO 12956)	81 micron (+/- 10%)
Normal permability on floor (EN ISO 11058)	0,188 m/s (+/- 30%)
Draining Cap. on floor at 20 kPa (EN ISO 12958)	4,84 x 10^{-7} l/m.s (+/- 30%)

Note: The above technical data are purely indicative and may vary in relation to the variability of the fibers.

PACKAGING

Isoplam® non-woven reels are available in the following sizes:
- 2 m x 100 m (200 m²) weighing 40 kg;
- 2 m x 50 m (100 m²) weighing 20 kg;
- 1 m x 50 m (50 m²) weighing10 kg.

ISOPLAM S.R.L.
Via E. Mattei, 4 – Z. I. Maser (TV) – Italia Tel. (+39) 0423 925023 www.isoplam.it