DATA SHEET

TX-2000

PRODUCT DESCRIPTION : Nonwoven needled geotextile

FUNCTION : Separation, reinforcement and protection

RAW MATERIALS : Polypropylene / polyester

TECHNICAL DATA TABLE

	PROPERTIES	TEST METHOD	VALUES	
			Métrique	Impérial
PHYSICAL	Thickness	ASTM D5199	≥ 6.5 mm	≥ 260 mils
	Mass per unit area	ASTM 05261	-	-
MECHANICAL	Tensile strength	ASTM D4632	≥ 3300 N	≥ 742 lb
	Elongation at break	ASTM D4632	≥ 50%	
	Tear strength	ASTM D4533	≥ 1350 N	≥ 303 lb
	Puncture strength (CBR)(1)	ASTM D6241	≥ 10000 N	≥ 2248 lb
HYDRAULIC	Permeability	ASTM D4491	≥ 0.15 cm/s	
	Permittivity	ASTM D4491	≥ 0.20 s^{-1}	
	Filtration opening size (FDS)	CAN/CGSB-148.1 - No 10	40 - 80 µm	
PERFORMANCE AND DURABILITY	UV* resistance (500 hours)	ASTM D4355	≥ 70%	
DIMENSIONS	Standard width	-	3.81 m	12.5 ft
	Standard length	-	50 m	164 ft

NOTE 1 : Estimated average value.

*UV: Ultraviolet.

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APPLICATIONS : Railway tracks
Bassin
Bank protection
Dams and dikes