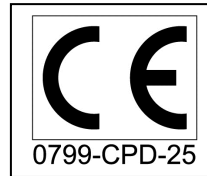


TENAX TNT 600E

Draining composite produced by welding a rhomboidal HDPE net with two non woven textiles in PP:



Picture out of scale

NET CHARACTERISTICS	TEST METHOD	UNIT	TNT 600E	NOTES
GEONET POLYMER			HDPE	-
FOAMING AGENT			YES	
U.V. STABILIZER			CARBON BLACK	-

DIMENSIONAL CHARACTERISTICS	TEST METHOD	UNIT	TNT 600E	NOTES
UNIT WEIGHT	ISO 9864	g/m ²	860	a
THICKNESS AT 20 kPa	ISO 9863	mm	6.5	a
RESIDUAL THICKNESS AT 200 kPa	ASTM D1621	%	6.0	a
GEOTEXTILE NON-WOVEN EDGE		m	2.05	a
ROLL WIDTH		m	20.0	a
ROLL LENGTH		m	0.43	a
ROLL DIAMETER		kg	36.5	a

HYDRAULIC CHARACTERISTICS	TEST METHOD	UNIT	TNT 600E	NOTES
HYDRAULIC FLOW RATE		i =	1.00	
$\sigma_v = 20$ kPa	ISO 12958	m ² /s	5.50E-04	a, b, c
$\sigma_v = 50$ kPa	ISO 12958	m ² /s	5.00E-04	a, b, c
$\sigma_v = 100$ kPa	ISO 12958	m ² /s	4.30E-04	a, b, c
$\sigma_v = 200$ kPa	ISO 12958	m ² /s	3.50E-04	a, b, c
TENSILE STRENGTH	ISO 10319	kN/m	14.0	a, b
ELONGATION AT PEAK	ISO 10319	%	60.0	a, b

TEXTILE CHARACTERISTICS	TEST METHOD	UNIT	TNT 600E	NOTES
MASS PER UNIT AREA	ISO 9864	g/m ²	120 - 140	a
OPENING SIZE	ISO 12956	mm	0.08	a

NOTE:

- a) Typical value
- b) MD: machine direction
- c) 2mm HDPE liner boundary condition

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