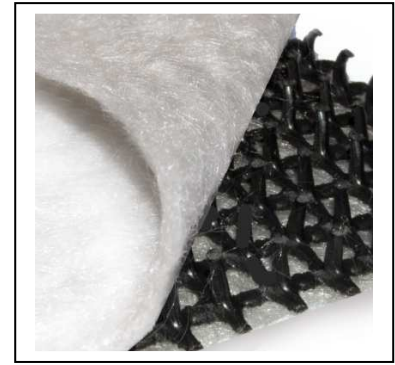


# TENAX DR2

Draining composite produced by welding a cuspidated HDPE net with two woven textiles in PP.



Picture out of scale

NET CHARACTERISTICS	TEST METHOD	UNIT	DR2	NOTES
MEMBRANE POLYMER			HDPE	-
U.V. STABILIZER			CARBON BLACK	-

DIMENSIONAL CHARACTERISTICS	TEST METHOD	UNIT	DR2	NOTES
UNIT WEIGHT	ISO 9864	g/m <sup>2</sup>	1600	a
THICKNESS AT 20 kPa	ISO 9863	mm	12.0	a
RESIDUAL THICKNESS AT 200 kPa	ASTM D1621	%	> 85	a
GEOTEXTILE NON-WOVEN EDGE		mm	100.0	a
ROLL WIDTH		m	1.5	a
ROLL LENGTH		m	20.0	a
ROLL DIAMETER		m	0.56	a
GROSS ROLL WEIGHT		kg	50.5	a

HYDRAULIC CHARACTERISTICS	TEST METHOD	UNIT	DR2				NOTES
HYDRAULIC FLOW RATE		i =	1.00	0.03	0.02	0.01	
$\sigma_v = 10$ kPa	ISO 12958	m <sup>2</sup> /s	5,30 E-03	7,67 E-04	5,52 E-04	3,92 E-04	a, b, c
$\sigma_v = 20$ kPa	ISO 12958	m <sup>2</sup> /s	5,15 E-03	7,55 E-04	5,42 E-04	3,84 E-04	a, b, c
$\sigma_v = 50$ kPa	ISO 12958	m <sup>2</sup> /s	5,02 E-03	7,34 E-04	5,32 E-04	3,77 E-04	a, b, c
$\sigma_v = 100$ kPa	ISO 12958	m <sup>2</sup> /s	4,83 E-03	7,07 E-04	4,47 E-04	3,15 E-04	a, b, c
$\sigma_v = 200$ kPa	ISO 12958	m <sup>2</sup> /s	4,50 E-03	6,52 E-04	3,82 E-04	2,70 E-04	a, b, c
TENSILE STRENGTH	ISO 10319	kN/m	28.0				a, b
ELONGATION AT PEAK	ISO 10319	%	60.0				a, b

TEXTILE CHARACTERISTICS	TEST METHOD	UNIT	DR2	NOTES
MASS PER UNIT AREA	ISO 9864	g/m <sup>2</sup>	200	a
OPENING SIZE	ISO 12956	mm	0.10	a

## NOTES:

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

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