

TENAX D-MIX

Composite for drainage and ventilation created by thermal welding two non-woven textiles, for filtration and separation, with a PP draining soul made of extruded monofilaments with isometric bubble morphology.



Picture out of scale

NET CHARACTERISTICS	TEST METHOD	UNIT	D-MIX	NOTES
MEMBRANE POLYMER			PP	-
U.V. STABILIZER			CARBON BLACK	-

DIMENSIONAL CHARACTERISTICS	TEST METHOD	UNIT	D-MIX	NOTES
MASS PER UNIT AREA	ISO 9864	g/m ²	750	a
COMPOSITE THICKNESS	ISO 9863	mm	22	b
ROLL WIDTH		m	2.40	g
ROLL LENGTH		m	20.0	g
ROLL DIAMETER		m	0.78	-
GROSS ROLL WEIGHT		kg	37.0	-

HYDRAULIC CHARACTERISTICS	TEST METHOD	UNIT	D-MIX		NOTES
HYDRAULIC FLOW RATE		i =	1.00	0.1	0.03
$\sigma_v = 20$ kPa	ISO 12958	l/(m/s)	5.48	1.59	0.87
$\sigma_v = 50$ kPa	ISO 12958	l/(m/s)	0.44	0.08	0.044
$\sigma_v = 100$ kPa	ISO 12958	l/(m/s)	0.13	0.022	0.012
TENSILE STRENGTH MD	ISO 10319	kN/m	15.0		d
TENSILE STRENGTH TD	ISO 10319	kN/m	15.0		d

TEXTILE CHARACTERISTICS	TEST METHOD	UNIT	D-MIX	NOTES
MASS PER UNIT AREA	ISO 9864	g/m ²	100	e
STATIC PUNCTURE STRENGTH	EN ISO 12236	N	1100	d
DYNAMIC PERFORATION TEST	EN ISO 13433	mm	38	f

NOTE:

- a) Tolerances $\pm 7\%$
- b) Tolerances $\pm 12\%$
- c) Tolerance - 30%
- d) Tolerance -13%
- e) Tolerance -10%
- f) Tolerance + 20%
- g) Tolerance $\pm 4\%$

GEN 1000.2 - E - 07/17



www.tenax.net

TENAX SpA
 Via dell'Industria, 3
 23897 Viganò (LC)
 Tel. +39 039.9219300
 Fax +39 039.9219290
 customer.service@tenax.net

