

TENAX LBO 330



Picture out of scale

PP bioriented geogrid for ground stabilization.

PHYSICAL CHARACTERISTICS	TEST METHOD	UNIT	LBO 330	NOTES
STRUCTURE			BI-ORIENTED GEOGRIDS	
MESH TYPE			RECTANGULAR APERTURES	
STANDARD COLOR			BLACK	
POLYMER TYPE			POLYPROPYLENE	
CARBON BLACK CONTENT	ASTM D4218		2.0%	

DIEMNSIONAL CHARACTERISTICS	TEST METHOD	UNIT	LBO 330	NOTES
APERTURE SIZE MD		mm	40	b, d, e
APERTURE SIZE TD		mm	27	b, d, e
UNIT WEIGHT		g/m ²	380	b
ROLL WIDTH		m	4.0	b
ROLL LENGTH		m	75	b
ROLL DIAMETER		m	0.45	b
ROLL VOLUME		m ³	0.81	b
PACKAGING			ROLLS IN POLYETHYLENE BAGS WITH I.D. LABEL	

TECHNICAL CHARACTERISTICS	TEST METHOD	UNIT	LBO 330		NOTSE
			MD	TD	
STRENGTH AT 2% STRAIN	ISO 10319	kN/m	10.5	10.5	b, c, d
STRENGTH AT 5% STRAIN	ISO 10319	kN/m	21.0	21.0	b, c, d
PEAK TENSILE STRENGTH	ISO 10319	kN/m	30.0	30.0	a, c, d, f
YIELD POINT ELONGATION	ISO 10319	%	11.0	10.0	b, c, d

NOTE:

- a) 95% lower confidence limit values, ISO 2602
- b) Typical value
- c) Tests performed using extensometers
MD: machine direction (longitudinal to the roll)
TD: transverse direction (across roll width)
- d) Aperture tolerance: ± 3 mm
- e) Tolerance: ± 2 kN/m

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