

Hexagonal Mesh Pocket Net

Features

- ① Design
- ② Versatile

Application

- ① Mesh laundry bags
- ② Shoe back mesh
- ③ Interior accessories
- ④ Office supplies



Test data

【Calculation of tensile strength】 Sample 2-1 Tortoiseshell mesh pocket net rotative direction grabbing method (7pcs./5cm)

Measured value	1	2	3	4	5	6	7	8	9	10	11	Average	Standard
Strength (max100)	62.0	56.0	53.0	53.0	54.5							55.7	3.734969879
Elongation (mm)	89.0	90.0	92.0	86.0	84.0							88.2	3.193743885
Full scale (N)	2500			N		kgf		%					
Grip gap (mm)	200		Strength	1392.5	1393	142.0	Elongation	44.1					

【Calculation of tensile strength】 Sample 2-1 Tortoiseshell pocket net cross direction grabbing method (4pcs./5cm)

Measured value	1	2	3	4	5	6	7	8	9	10	11	Average	Standard
Strength (max100)	33.6	33.6	36.5	33.4	36.2							35.1	1.508304476
Elongation (mm)	131.0	120.0	108.0	126.0	118.0							120.6	8.706319544
Full scale (N)	2500			N		kgf		%					
Grip gap (mm)	200		Strength	878.5	879	89.6	Elongation	60.3					

【Calculation of tensile strength】 Sample 2-1 Tortoiseshell pocket net oblique direction Snagging

Measured value	1	2	3	4	5	6	7	8	9	10	11	Average	Standard
Strength (max100)	70.5	72.2	66.4	67.0	65.2	70.0	69.0	74.5	75.0	68.6	77.4	70.5	3.873006819
Elongation (mm)													
Full scale (N)	250			N		kgf		%					
Grip gap (mm)	200		Strength	176.3	176	18.0	Elongation						

【Net specification】

Product name		Tortoiseshell pocket net
Item		
Weaving structure		Single Raschel
Mechanical Knitting		150inch
Gauge		
Thread specification	Thread type	Polyester
	Longitudinal thread	
	Insertion from horizontal direction	
Resin process		Frame resistant Polyester
Stitch dimension	Vertical	10mm
	Horizontal	8mm
Thickness	Vertical	1.1mm
	Horizontal	1.1mm
	Intersection point	1.23mm
Weight (g/m ²)		204g
Shading efficiency		

Grab method	JIS L1018 Grab method	Grabbing strength	Test results			
Test strength	Standard elongation form	(3 knots in the grabbing)	Product name	Tensile strength (kN)	Elongation range (%)	
Tensile speed:	20 cm / min.	(rotation direction)	Tortoiseshell mesh pocket net	Wales (rotative) direction	13.90	44.1
Test value:	40cm	(cross direction)		Course (cross) direction	8.79	60.3
Grip gap:	20 cm			Oblique direction	1.76	
Grip width:	5 cm	Wales direction (7pcs.)	Course direction (4pcs.)			

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