

A1 相当サイズ

Hexagon 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)													Standard
Measured value	1	2	3	4	5	6	7	8	9	10	11	Average	
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)													Standard
Measured value	1	2	3	4	5	6	7	8	9	10	11	Average	
Strength (max100)	33.6	33.6	36.5	33.4	36.2							35.1	1.509304476
Elongation (mm)	131.0	120.0	108.0	126.0	118.0							120.6	8.706308544
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													Standard
Measured value	1	2	3	4	5	6	7	8	9	10	11	Average	
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	14G	
Thread specification	Thread type	Polyester
	Longitudinal thread	280T×4
	Insertion from horizontal direction	
Resin process	Frame resistant Polyester	
Stitch direction	Vertical	10mm
	Horizontal	8mm
Thickness	Vertical	1.1mm
	Horizontal	1.1mm
	Intersection point	1.23mm
Weight (g/m)	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	139.0	44.1
	Test value: 40cm	(cross direction)			Course (cross) direction	87.9	60.3
	Grip gap: 20 cm				Oblique direction	17.6	
	Grip width: 5 cm	Wales direction (7pcs.)	Course direction (4pcs.)				