

Luggage Net

Features

- ① High workability
- ② Fray resistant

Application

- ① Pockets and Luggage nets
- ② Open and close net
- ③ Sports net



Test data

【Tensile strength measurement】 Sample material 1-1 Luggage net Oblique direction Anti-snagging

Measured value	1	2	3	4	5	6	7	8	9	10	11	Average	Standard
Strength (max100)	63.0	63.5	62.5	65.0	64.5	62.2	59.2	62.5	60.0	61.2		62.4	1.832545285
Tensile ratio (mm)				90.0									
Full scale (N)	500			N		kgf		%					
Grip gap (mm)	200		Strength	311.8	312	31.8	Elongation						

【Tensile strength measurement】 Sample material 1-1 Luggage net Rotative direction: 4 knots 5 meshes 3 lines

Measured value	1	2	3	4	5	6	7	8	9	10	11	Average	Standard
Strength (max100)	61.8	66.5	64.0	67.0	67.2	60.5	61.5	67.0	68.0			64.8	2.906458326
Tensile ratio (mm)	80.0	81.0	82.0	82.0	82.0	78.0	81.0	84.0	83.0			81.4	1.740051085
Full scale (N)	1000			N		kgf		%					
Grip gap (mm)	200		Strength	648.3	648	66.1	Elongation	40.7					

Tensile Test
Testing machine: Stable elongation shape
Tensile speed: 20 cm/min
Testing width: 40 cm
Grip gap: 40 cm
Sample material: 4 knots 1.5 meshes 3 lines

Anti-snagging property
(3 meshes among snagging)
(Sample oblique direction)

Product name	Tensile strength (kN)	Elongation ratio (%)
Luggage net rotative direction	648	40.7
oblique direction	312	

【Specification of rotative direction knitting】

Product name		Luggage net
Item		
Knitting structure		Single Raschel
Mechanical knitting		130inch
Gauge		
Thread specification	Thread type	Polyester
	Rotative direction thread	
	Insertion from cross direction	
Resin treatment		No
Stitch dimension	Vertical	25mm
	Horizontal	25mm
Thickness	Vertical	1.36mm
	Horizontal	1.36mm
	Intersecting point	1.53mm
Weight (g/m)		125g/m
Light shielding ratio		

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