

## Test Report

No. SI.918092363630TX

SHAH HOE SDN BHD  
 LOT PT 1755, JALAN PERSIARAN KIP UTAMA,  
 TAMAN PERINDUSTRIAN KIP,  
 52200 KEPONG, KUALA LUMPUR.

### PRODUCT DATA SHEET

Issue No. 11

Issue date: 09/04/2012

Product Name: <b>Strongbow</b>		Ticket No.: <b>40 M</b>	
Thread Construction		Thread Finish	
Material:	<b>Nylon 6.6 Bonded</b>	Lubricants are designed, and applied at a suitable level, to ensure a consistent sewing performance at high machine speeds	
No. of Plies:	<b>3</b>		
Approx. metres / Kilogram:	<b>12.050</b>		
PHYSICAL PROPERTIES (BS EN 12590 : 2000)			
Mean Tensile Strength N:	<b>51.0</b>	Mean Resultant Decitex:	<b>830</b>
Mean Elongation at Break %:	<b>21.0</b>	Folding Twist Direction:	<b>Z</b>
COLOUR FASTNESS PROPERTIES (BS 1006)			
Test	Method BS EN ISO 105	Change in Colour ISO 105 AO2 (Grey Scale)	Staining ISO 105 AO3 (Grey Scale)
Wash (60°C)	C03	4	4
Light	B02	Grey = 4 Blue = 5	Not Applicable
Cold Water (37°C)	E01	5	4
Perspiration	E04	Alkali = 5 Acid = 5	Alkali = 5 Acid = 5
Chlorinated Water	E03 (1997)	3 - 4	Not Applicable
Sea Water	E02 (1996)	4	Not Applicable
Dry Cleaning	D01 (1995)	4	4 (solvent)
Dry Rubbing	X12	4 - 5	4

PROPERTIES		OXLEY STANDARDS
COUNT - MEAN	dtex	830
COUNT - RANGE	dtex	745 - 915
TENSILE STRENGTH - MEAN	N	51.00
TENSILE STRENGTH - MINIMUM	N	44.00
ELONGATION AT BREAK - MEAN	%	21.0
ELONGATION AT BREAK - RANGE	%	14 - 28
SINGLE TWIST - MEAN	tpm	468
SINGLE TWIST - RANGE	tpm	405 - 531
SINGLE TWIST DIRECTION		S
FOLDING TWIST - MEAN	tpm	415
FOLDING TWIST - RANGE	tpm	372 - 458
FOLDING TWIST DIRECTION		Z
BOND LEVEL - RANGE	%	4 - 10
LUBE LEVEL - RANGE	%	2 - 8

