

100% Recycled Polyester

NATURETCH

@Colourful Green

Natural Stretch

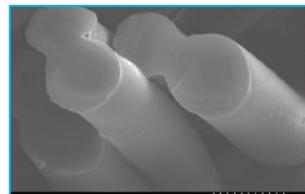
复合纱和自然弹力

100% 可再生聚酯纤维



NATURETCH

- 创新来源于PBT，此类纱线在某些方面用以替代氨纶
- 复合纱保持了机械弹力和自然弹力的基本特性
(使用二种黏度材料的纱纺纱而成)



- 采用了特殊的加弹工艺，使用了合适的加捻和多倍的卷曲
- 由GRS认证的100%可再生聚酯纤维



混合动力(汽车发动机概念)



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Stretch & Recovery

(BS EN 14704-1:2005+Cor.1:2006; Method A; Extension Load: 15N)

-	Unit	A
Extension at Specified Loading at 5 Cycles		
Lengthwise	%	29.9
Widthwise	%	101.5
Un-recovered Elongation after 1 min. Relaxation		
Lengthwise	%	0.7
Widthwise	%	10.0
Un-recovered Elongation after 30 mins. Relaxation		
Lengthwise	%	0.3
Widthwise	%	6.3
Recovered Elongation after 1 min. Relaxation		
Lengthwise	%	99.3
Widthwise	%	90.0
Recovered Elongation after 30 mins. Relaxation		
Lengthwise	%	99.7
Widthwise	%	93.7

Remark:

For knit:
Speed = 500mm/min
Gauge length = 100mm

CAI60656 为例

- 测试通过H&M拉伸测试，回弹率 $\geq 90\%$
- 30mins内不可回复深长率 0.3/6.3



NATURETCH的特性

75D/36F	Crimp contraction %	Shrinkage % in boiling water	CV %
NATURETCH	36	3.6	2.6
PET DTY	15	3	3
SORONA	45	4	3.5
PBT	42	4	3.5

- 100%可再生
- 耐用, 尺寸稳定
- 良好的吸湿率
- 手感佳, 耐穿 (抗皱)
- 拉伸回复性好

