



Thai Rayon Staple Fibre Birla Modal



Thai Rayon makes Birla Modal[®] which is a unique fibre which can go very well in Cotton blends. Major applications are Cotton blended Birla Modal[®] Sheets (ratio is 50/50) / Terry towels (ratio is 60/40 on the loops) / light apparels / Ladies & Men's Wear / Inner wears / garments.

BIRLA MODAL FIBRE SPECIFICATIONS

ITEM	UNIT	RANGE	TEST METHOD
Denier	D	X +/-5%	BISFA
Fibre Length	MM	Y +/- 2	TRC*
Conditioned Tenacity	Grams per Denier	Min 3.80	
Wet Modulus at 5% Elongation	Grams per Denier	Min 0.65	BISFA
Conditioned Elongation	%	13-15	BISFA
Equilibrium Moisture Regain	%	13	BISFA
Oil Pick Up	%	Min 0.20	
Brightness, ISO	%	Min 92.0	
Whiteness, Berger	%	Min 82.0	

* In-house method

TYPES

LUSTRE	DENIER (X)	LENGTH (Y)
Bright Bleached	0.9D* / 1.2D / 1.5D	32MM, 38MM, 44MM

* Available on demand with minimum lot of 50 MT.

Benefits

- Birla Modal[®] fiber is a High Wet Modulus viscose fiber with high wet tenacity, enhanced durability, softer feel with bounce, excellent drape, reduces its limpness & has higher dimensional stability.
- The high wet tenacity enables better dimensional stability and with holds repeated washes.
- Birla Modal[®] is best suited for Cotton blended since both fibre has similar properties & in other words Birla Modal[®] is purified cotton.

ANHYDROUS SODIUM SULPHATE

Our major bi-product is Sodium Sulphate, widely used in Detergent, Glass, Paper/Pulp, Textiles, and Wastewater re-treatment, Cement, Leather. Sodium Sulphate is widely available in nature with variations in Appearance, Brightness, & in major other specifications.

Where there is stringent requirement, our Birla Sodium Sulphate can play a major role. We can supply SS with controlled quality specifications, which can be supplied continuously, & with good purity.

ANHYDROUS SODIUM SULPHATE SPECIFICATION

PARAMETER	UNIT	TOLERANCE
Appearance	-	White Fine Granule
ISO Brightness	%	Min 87.00
pH of 1% solution	-	6.0-9.0
Moisture	%	Max 0.10
Bulk Density	G/cc	1.3-1.5