



Yarn Technical Data Sheet

Last update: 02.10.2024

BIO FLAME 3600

Count	Gauge
Nm 3600	5
Composition	
100% organic cotton	
Shade Card	
BIO FLAME-MUESLI 3.1	
Description	Colors
Organic fine rough	20
Customer Color	
yes	
Availability	Raw
on request	yes
Kg Minimum	
4	

Pilling (ISO 12945-1:2002)	Flammability
3	Class 1 - not inflame
Unit Weight (g/m2)	Wastage (%)
510	5
Conventional standard conditioning (%)	
8,50	
Average applied conditioning (%)	
3,00	
Suggested International Symbols	



End Uses



Requirements	Discharge on cotton	Color changing
Color fastness to washing in water 40° (ISO 105/C06)	4	4
Color fastness to dry cleaning (ISO 105/D01)	4	4
Color fastness to acid-basic sweat (ISO 105/E04)	4	4
Color fastness to rubbing (ISO 105/X12)		
Dry	4	
Wet		
Light	3/4	
Medium-dark	2/3	
Black	2/3	
Melange light		
Melange medium-dark and grey		
Color fastness to light (ISO 105/B02)		
Light		3/4
Medium-dark		4

Certifications



Special Cares

Color shade reproducibility might undergo certain limitations due to GOTS regulation restrictions. Shade card colors should be considered just as an indication. The RAW-WHITE variant has a different behavior compared to the dyed colors as it didn't undergo the dyeing process and can therefore show variations in shade from one lot to another. Due to the difference of yarn count, the eventual combined knitting process of MUESLI and BIO FLAME is subject to customer evaluation and depends on the type of stitch and structure to be obtained.

SPECIAL ATTENTION

- The yarn is in compliance with the REACH Regulation (1907/2006).
- If this yarn is used for stripes, with white or contrasting colors and/or for wholegarment please specify with the order proposal, in order to verify the possibility of doing it.
- We recommend to test different colors which can be representative for bulk production. Different colors may require adjustments relating knitting and finishing process.
- Knitting: please ensure a perfect functioning of the machine. Use of electronic feeded machines is highly recommended. When starting to knit a different batch it is recommended to check new outcome and see the tightness of needles to adjust possible differences.
- No claims can be accepted on knitted panel for more than kg 5 of each dye lot, and in no case on finished garments.
- The RAW-WHITE variant has a different behavior compared to the dyed colors as it didn't undergo the dyeing process and can therefore show variations in shade from one lot to another.