



Yarn Technical Data Sheet

Last update: 10.06.2021

BIO RECYCLED 40/2

Count	Gauge
Ne 40/2 - Nm 2/68	12 (2 ply)

Composition
70% Organic cotton - 30% Recycled polyester

Shade Card
BIO RECYCLED-BR7 2.3

Description	Colors
Organic recycled	30

Customer Color
yes

Availability	Raw
on request	no

Kg Minimum
PASTEL, DENIM colors: 4Kg; PLAIN colors: 20Kg

Pilling (ISO 12945-1:2002)
4/5

Unit Weight (g/m2)	Wastage (%)
135	5

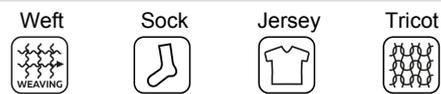
Conventional standard conditioning (%)
6,30

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		
Melange light		
Melange medium-dark and grey		
Color fastness to light (ISO 105/B02)		
Light		3/4
Medium-dark		4

Certifications



Special Cares

Shade card colors should be considered just as an indication. Color shade reproducibility might undergo certain limitations due to GOTS regulation restrictions. We recommend to use more threadguides. Due to the different color absorption between polyester and cotton, colors might appear not perfectly equalized in shade. Yarn subject to different shrinkage between PASTEL, DENIM and PLAIN colors; before knitting each lot, we recommend to test machine settings to make sure they are suitable for obtaining the desired garment size. PASTEL and DENIM colors: mouliné yarn with low torsion; the possible use with single thread on gauges 14/16 must be subject to customer verification for the stitch or structure to be realized in order not to highlight regularities in the aspect.

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, 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.