



**COMMERCIAL - TECHNICAL DATA / Tecnologia**



**OPERA ECO**

100% RECYCLED POLY

Test Method for Woven Fabrics		STANDARD (estandar)		DIGITAL PRINT	
		In	Cms	In	Cms
Width / Ancho NTC 228-2011	Phisic / Físico	57	145	57	145
	Useful / Util	56	142	55	140
Weight / Peso ASTM D 3776-2009		<b>Oz/syd</b>	<b>Gsm</b>	<b>Oz/syd</b>	<b>Gsm</b>
		1.4	48	1.5	51
Shrinkage / Cambio dimensional (%) AATCC 135-2004 / IN504-15	Lenght / Longitud	4%		4%	
	Trans / Transversal	3%		3%	
Spirality after laundry / Viraje despues del lavado (%) ISO16322-2-2005	Lenght / Longitud	3%		3%	
	Trans / Transversal	3%		3%	
Color fastness to wash / Solidez al lavado (gray scale) AATCC 61-2007	Change / Cambio	4		4	
	Stain / Transf	3		3	
Dye transfer to storage. Option II (gray scale) / Transferencia del color por almacenamiento. Opcion II AATCC 163-2007	Stain / Transf	4		4	
Color fastness to light (gray scale) / Solidez a la luz BS 1006-1990	Change / Cambio	4		4	
Color fastness to crocking (gray scale) / Solidez al frote AATCC 8-2007	Dry / Seco	4		4	
	Wet / Húmedo	3		3	
Color Fastness to perspiration (gray scale) / Solidez a la transpiración AATCC 15-2007	Change / Cambio	4		4	
	Stain / Transf	3		3	
Pilling / Pilling (Photographic) NTC 2051-2 / 2003		3		3	
Type of fabric / Tipo de tejido				Woven	

**Recommendations:**

It is recommended to lay a maximum of 30 layers for cutting.  
Use suitable thread for light fabrics and a ball point needle.  
Wash with clothes of the same color.  
Iron inside out.



**Reviewed by**

**ANDRES LOPEZ**