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Flame Retardant 100% Cotton Denim Fabric

Fabric Description		TEST METHOD	PERFORMANCE		
Fiber content			100% Cotton		
Weave			Denim		
Weight		ISO 3801:1977	400 GSM		
Width		ISO 22198:2006	150 CM		
Physical Properties					
Shrinkage warp wash 5×60°		ISO 5077:2007	≤ 3%		
Shrinkage weft wash 5×60°		ISO 5077:2007	≤ 3%		
Tensile strength warp		ISO 13934-1:2003	900 N		
Tensile strength weft		ISO 13934-1:2003	750 N		
Tear strength warp		ISO 13937-1:2000	25 N		
Tear strength weft		ISO 13937-1:2000	30 N		
Color Fastness			Light	Middle	Dark
Colorfastness to wash 60°		ISO 105-C06:2010	4	4	4
Colorfastness to water		ISO 105-E01:2013	4	4	4
Colorfastness to rubbing dry		ISO 105-X12:2016	4	4	3/4
Colorfastness to rubbing wet		ISO 105-X12:2016	3-4	3-4	2/3
Functional					
		ISO15025:2016			
Flame Retardant		After Flame	<2		
		After Glow	<2		
		Carbon Length	<100MM		
Flame Retardant (After 50 washes)		After Flame	<2		
		After Glow	<2		
		Carbon Length	<100MM		
Chemical Properties					
PH of aqueous extract		ISO 3071:2020	4-7.5		
Washing Symbols					