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Flame Retardant 100% Cotton Fabric

Fabric Description	TEST METHOD	PERFORMANCE		
Fiber content		100% Cotton		
Weave		Twill		
Weight	ISO 3801:1977	220 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	1000 N		
Tensile strength weft	ISO 13934-1:2003	450 N		
Tear strength warp	ISO 13937-1:2000	40 N		
Tear strength weft	ISO 13937-1:2000	25 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				