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Flame Retardant 100% Cotton Fabric

| Fabric Description | TEST METHOD | PERFORMANCE | | |
|--------------------------------------|------------------|--------------|---------------|-------------|
| Fiber content | | 100% Cotton | | |
| Weave | | Canvas | | |
| Weight | ISO 3801:1977 | 290 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 | 800 N | | |
| Tensile strength weft | ISO 13934-1:2003 | 350 N | | |
| Tear strength warp | ISO 13937-1:2000 | 16 N | | |
| Tear strength weft | ISO 13937-1:2000 | 12 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 | | | | |