




Product name	TenMoSoft® Modacrylic FR & Antistatic Knitted Fabric	Reference Standard/ Test Method
Product number	T-TSHM-005	
Width Cuttable	160cm (+2/-1cm)	ISO 22198:2006
Gram Weight	225gsm (±5)	ISO 3801:1978
Fibre composition	Modacrylic/lyocel/FR fiber/Carbon	
Color	Black	
Dimensional Stability	≤±3%	ISO 5077:2007 After 5 *Cleaning Cycles at 40°C
Formaldehyde content (mg/kg)	Not Detectable	ISO 14184.1:2011
pH Value	6.6	ISO 3701:2005
Color fastness to water	4-5	ISO 105-E01:2013
Color fastness to perspiration	4-5	ISO 105-E04:2013
Color fastness to washing	4-5	ISO 105-C06:2010
Color fastness to rubbing (Dry)	4-5	ISO 105-X12:2016
Color fastness to rubbing (Wet)	3	ISO 105-X12:2016
Color fastness to washing	4-5	ISO 105-C06:2010
Pilling resistance	3	ISO 12945-1:2000
Moisture penetrability (g/(m <sup>2</sup> ·24h))	11190	ASTM-E96 BW
Bursting strength (N)	587	ASTM D5035
Flammability	Compliant	EN ISO 11612:2015 A1 A2
Electrostatic Resistance	Compliant	EN 1149-3:2004
Wash Recommendations		EN ISO 6330:2013, 4N 40°C

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*All the data listed in the above table are either individual test results or the most typical indicative parameters to the best of our knowledge. Owing to existence of possible variation or deviation from case to case, the data and information shown in the table is only for your reference. However, Synertex Material Technology assumes no liability for the accuracy or completeness of the information.*