

**TARIFF RATES FOR MECHANICAL TESTING AT MANTRA,SURAT. FROM 01.01.2017**

<b>Sr.No.</b>	<b>Nature of Test</b>
	<b>(PYN) YARNS :</b>
PYN 01	Denier or Count of Yarn
PYN 02	No. of filament of Yarn
PYN 03	Twist (T.P.M) of Yarn
PYN 04	Breaking Load (gms)(Single Thread) Test (Dry or Wet ) of yarn
PYN 05	% Elongation at Break (Single Thread)Test (Dry or Wet)of yarn
PYN 06	Tenacity (g/d) ( with Denier, B/S & Elon.)of yarn
PYN 09	Appearance ( Dull/Semi-Dull/Bright)of yarn
PYN 10	Type of process(Crimp//Flat/text/Intermingle)on yarn
PYN 11	% Moisture Content
PYN 12	% Yarn Shrinkage (Cold or Hot) water
PYN 16	Hot Crimp Contraction(H.C.C)(%)
PYN 18	Turns per Unit Length of Single Staple Fiber Spun Yarn
PYN 19	Turns per Unit Length of Continuous Filament Yarn of Piled Yarn
PYN 20	Lea Strength Test
PYN 21	Strength of Fish Net Twines, Cords or Braided Cords
PYN 22	Yarn Quality Assessment of Cotton Yarn
PYN 23	Count of Cotton Yarn (for 10 Bobbins & 3 Leas per Bobbin) with % CV
PYN 25	Diameter of Monofilament Nylon Yarn
PYN 26	Construction of Sewing Thread (Identification, Denier, Twist Basis Denier Yarn & Number of Filaments)
PYN 30	Duplicate Copy Charge/ Separate Report Charge
PYN 31	Thickness of Material
PYN 32	Width of Material (Jari)
PYN 34	<b>Microscopic Observation :</b>
PYN 34(a)	Cross Section with Photo Print
PYN 34(b)	Longitudinal Section
PYN 35	Technical Service of POY/Textured Yarn for one Package For Every Additional Package
PYN 36	Length in yds/mts. Per lb./kg
PYN 37	<b>Yarn Evenness test on Uster</b>
PYN 37(a)	Yarn Evenness Test (U%) (Single Pkg.)
PYN 37(b)	Yarn Evenness Test (U%) (with graph) (Five Pkg.)

PYN 37(c)	Yarn Evenness Test (U%) (without graph) Five Pkg.)
PYN 38	Calculated Length of Lurex or yarn, net wt. of yarn & empty bobbin/cone/ cheese wt.
PYN 39	Count strength product (C.S.P) with count
	<b>(PFB) FABRICS :</b>
PFB 01	Denier or count of warp or weft yarns
PFB 02	No. of filament of warp or weft yarns
PFB 03	No. of thread per inch (Reed & Pick)
PFB 04	Twist (T.P.M) of yarns extracted from fabric one set of warp or weft
PFB 05	Yarn appearance (Dull/Semi-dull/Bright) warp or weft
PFB 06	Type of process (crimp/flat/text/intermingle) on yarn warp or weft
PFB 13	% Shrinkage of fabric warp & weft ways ( hot or cold) water
PFB 14	Breaking Load (gms) of fabric in warp and weft ways (Dry or Wet)
PFB 15	% Elongation at Break of fabric in warp & weft ways (Dry or Wet)
PFB 16	Breaking Load (gms) of yarn extracted from fabric warp & weft ways
PFB 17	% Elongation at break of yarn extracted from fabric warp & weft ways
PFB-18	Tenacity (g/d) (with Den. B/s & Elon.) of yarn extracted from fabric warp & weft ways
PFB 20	Tearing strength of fabric warp and weft (U T M)
PFB 21	Surface flat abrasion (wet or dry)
PFB 22	Crease recovery test warp and weft ways
PFB 24	Pilling test of fabric
PFB 26	Air permeability test of fabric
PFB 27	Bursting strength of fabric
PFB 29	Percentage of pile on total wt. of sample
PFB 30	Calculation of weight of warp & weft 100 mts. of fabric data given by the party.
PFB 34	Analysis of full saree or shawl etc.
PFB 36	Weight / Sq. yds or Sq. mts.
PFB 37	Weave analysis upto 12 ends picks / repeat
PFB 38	Weave analysis over 12 ends picks / repeat
PFB 39	Weave analysis over 12 and upto 24 ends picks / repeat
PFB 40	Weave analysis over 24 ends picks / repeat
PFB 41	Weave analysis of Jacquard fabric
PFB 42 A	Technical Services for defective fabric
PFB 42 B	Technical Services for defective fabric received from outside India
PFB 43 C	Technical Opinion/ Expert opinion
PFB 43	Constructional Particulars of fabrics one set of warp & weft
	<b>(Reed/Pick, Identification, Denier/Count of warp &amp; weft, Turns/ Unit Length of warp &amp; weft, % Crimp of warp and weft &amp; weight/ sq.yds. or sq.mt.)</b>
PFB 45	Denier or count of warp and weft yarn after removal of finish
PFB 46	Total No. of ends (Ground + Border)
PFB 47	Reed count ( grey fabric only)

PFB 48	Yarn/Jari/Rubber(%) on the total weight of sample( by physical separation method).
PFB 49	Weight /Linear meter of fabric
PFB 50	Width of the fabric
PFB 51	Certificate (Weight reduction, expert opinion)
PFB 52	Valuation Certificate upto Rs.1,00,000/- (0.50% onward)
	Powerloom, Twisting machine & other accessories.
PFB 53	<b>Knitting</b>
PFB (a)	For One sample
PFB (b)	For every consecutive sample
PFB (c)	Hose dyeing
PFB (d)	Hose Scouring
(TTC)	<b>TECHNICAL TRIALS / COMMERCIAL PRODUCTION :</b>
TTC 01	<b>Extrusion (Melt-Spinning) :</b>
TTC (a)	500 gms (max.)/ trial
TTC (b)	Per day (6 hrs.) for Production
TTC 02	<b>Texturising (Draw) :</b>
TTC (a)	500 gms (max.)/ trial
TTC (b)	Per day (6 hrs.) for Production
TTC 03	<b>Texturising (Airjet) :</b>
TTC (a)	500 gms (max.)/ trial
TTC (b)	Per day (6 hrs.) for Production

**PFB25 WEIGHT/SQ. METER(GSM)**