



TELEYARN WATER BLOCKING YARN

COMPOSITION

- Polyester yarn coated with super absorbent compound.

APPLICATION:

- As Binder used in SZ Stranded optical & Copper Cable Cores
- As Filler wrapped or placed longitudinally along elements like central Strength Member.

CHARACTERISTICS

- Low Fuzz
- Excellent water Absorbency
- High Tensile Strength
- Good heat resistance & Chemical Stability
- Process friendly

TECHNICAL SPECIFICATIONS

PROPERTIES	UNIT	WS 700	Ws1000	Ws1500	Ws2000	Ws2500	Ws5000
Diameter dry	mm	0.25	0.35	0.45	0.65	0.75	1.45
Diameter Wet	mm	2.0	2.5	3.5	4.5	5.0	7.0
Weight Dry							
Mass per unit length	gm/mtr	0.08	0.11	0.17	0.22	0.27	0.55
Mass per 9000m	denier	700	1000	1500	2000	2500	5000
Mass per 10,000m	dtex	778	1110	1670	2220	2770	5550
Length per unit weight	km/kg	12.8	9	6	4.5	3.6	1.8
Weight Wet							
Water Absorbency	gm/min	3.2	6.2	11	14.6	18.3	36.6
Water Absorbency	gm/gm	40	55	65	65	65	65
Tensile Strength	N	15	25	50	60	70	150
Elongation	%	15	15	15	15	15	15
Service Temperature	°C	150	150	150	150	150	150
Processing Temperature	°C	230	230	230	230	230	230
Moisture Content	%	9	9	9	9	9	9

PACKING SIZE(BOBBIN DIMENSION):

Weight (Gm)	Length (mm)	Traverse Length (mm)	Inner diameter (mm)	Wall Thickness (mm)	Yarn Weight (kg)
380	220	200	92.5	7	5