TP Industrial Yarns®

PVA

Product Description

PVA High Tencity Filament Yarn

White

Polymer

PVA

Applications

Geo Textile, Rubber Hose Reinforcement, Plastic Hose Reinforcement, Ropes, etc.

Remarks

Tensile testing is on JIS L 1013

Technical Specifications PVA High Modulus

Linear density (Dtex)	Breaking Strength (N)	Tenacity cN/Dtex	Elongation at Break %	Young's Modulus cN/Dtex	Hot Air Shrinkage %*	Shrinkage in Boiling Water %
1100	120	10,7	6,3	205,0	1,3	3,5
1330	143	10,6	6,3	205,0	1,3	3,5
1330	140	10,4	7,2	195,0	0,7	3
2000	210	10,3	6,3	240,0	1,3	3,5
2000	205	10,1	7,0	235,0	0,8	3
2500	220	8,6	6,7	190,0	1,3	3,5
2660	255	9,5	5,7	240,0	1,3	No Data

Technical Specifications PVA Shrinkable Yarn

Linear density (Dtex)	Breaking Strength (N)	Tenacity cN/Dtex	Elongation at Break %	Young's Modulus cN/Dtex	Hot Air Shrinkage %*	Shrinkage in Boiling Water %
720	34	4,7	11,0	47,0	10,0	Disolution
1100	49	4,4	15,0	79,0	10,0	Disolution

Technical Specifications PVA Dope Dyed Gold

Linear density (Dtex)	Breaking Strength (N)	Tenacity cN/Dtex	Elongation at Break %	Young's Modulus cN/Dtex	Hot Air Shrinkage %*	Shrinkage in Boiling Water %
1100	88	7,9	11,0	132,0	0,6	3,5

Technical Specifications PVA Standard Type

Linear density (Dtex)	Breaking Strength (N)	Tenacity cN/Dtex	Elongation at Break %	Young's Modulus cN/Dtex	Hot Air Shrinkage %*	Shrinkage in Boiling Water %
560	45	8,0	11,8	130,0	1,0	2,5
1100	85	7,6	11,4	113,0	0,8	2,5
1330	102	7,6	11,4	113,0	0,8	2,5

*Hot Air Shrinkage *Shrinkage tested @ 30 minutes 150 °C*