



PET POY

Polyester Partially Oriented Yarn

Data Sheet

Parameters	Unit	500/96	250/48	160/48	160/36	120/36
Titer	dtex	540 - 560	270 - 280	174 - 180	174 - 180	130 - 136
CV of Titer	%	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
Filament	NO	96	48	48	36	36
Elongation at Break	%	135 - 145	125 - 135	125 - 135	123 - 133	125 - 135
CV of Elongation	%	≤5	≤5	≤5	≤5	≤5
Tenacity at Break	cN/ dtex	≥1.9	≥1.95	≥1.95	≥2	≥2
Evenness	%U	≤1.5	≤1.6	≤2	≤1.5	≤1.5
Inter Mingle Split	NO/ M	≥5.0	≥3.0	≥3	≥3	≥3
Bobbin Hardness	%	45 - 55	50 - 55	50 - 55	50 - 55	50 - 55
OPU	%	0.45 - 0.55	0.4 - 0.5	0.4 - 0.5	0.35 - 0.45	0.32 - 0.42
Shrinkage in Boiling Water	%	60 - 70	60 - 70	60 - 70	60 - 70	60 - 70
Color *L	---	min 90	min 90	min 90	min 90	min 90
Color *b	---	max 4.0	max 3.7	max 3.7	max 3.7	max 3.7

APPLICATIONS:

- Wide variety of end uses such as DTY and FDY yarns for making for wide variety of knitting fabrics.
- Textured for knitting yarn-wrap and weft knitting sports-wear, under-wear, knitting fabric (jersey), robin and curtain fabrics, weft an wrap weaving

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