

Poly-Strong PC-IR









FASTNESS

Washing Fastness	ISO 105-C06	Min.:4
Water Fastness	ISO 105-E01	Min.:4
Rubbing Fastness	ISO 105-X12	Min.:4
Hypoclorite Fastness	ISO 105 N01	Min.:4
Sweat Fastness	ISO 105-E04	Min.:4
Light Fastness	ISO 105 B02	Min.:4

PHYSICAL CHARACTERISTICS

Melting Point	260°C
Softening Point	220 - 240°C
Shrinkage	Less than 1% at 150°C

CHEMICAL PROPERTIES

Mineral Acids	Resistant to most mineral acids.		
Alkalis	Polyester is resistant to mild alkalis, moderately resistant to strong alkalis.		
Organic Solvents	Unaffected by normal solvents; may dissolve in some phenolic compounds. Cotton swells in caustic soda without significant strength loss		
Bleaching	Polyester unaffected by bleaching; cotton bleaches with hypochlorite and peroxides.		
Microorganisms (Mildew, Rot)	Polyester : Unaffected Cotton : Degrades but can be treated with special finishes.		
Washing / Dry Cleaning	Unaffected.		
Moisture Regain	0.4%		

THICKNESS AND STRENGTH CHART

ткт	Nominal Tex	Strenght CN	Elongation %	Needle Size
36	78	3950	20-28	110-130
50	60	2800	20-28	100-120
75	40	2000	18-24	90-100

STORAGE CONDITIONS

*Store away from high heat, humidity, and direct sunlight to maintain quality.















