

# TECHNICAL SPECIFICATION SHEET

## Tyvek® Trousers Style 1422A

### Fabric Physical Properties

Property	Test Method	Tyvek Style (1422A)
Abrasion resistance	EN530 (method 2)	100 cycles
Air permeability	ISO 5636-5	20 s
Basis weight	ISO 536	41.0 g/ m <sup>2</sup>
Burst resistance	ISO 2960 (50cm <sup>2</sup> )	108 kPa
Burst resistance	EN ISO 13938-2	N/A
Colour	N/A	White
Exposure to high temperature	N/A	Melting point 135°C
Exposure to low temperature	N/A	Flexibility retained down to -73°C
Flex cracking resistance	ISO 7854 (method B)	>100 000 cycles
Linting propensity	BS 6909 (method Shirley 21)	Pass rating: Excellent
Puncture resistance	EN 863	10.8 N
Shelf life	10-year accelerated ageing test	Pass-should not be stored in direct sunlight
Surface resistivity at 25% relative humidity	EN 1149-1	4.8 x 10 <sup>9</sup> Ohm (rib surface) 1.7 x 10 <sup>10</sup> Ohm (smooth surface)
Thickness	EN 20534	0.130 mm
Trapezoidal tear resistance (MD/XD)	ISO 9073-4	26.1/30.6 N

MD = Machine Direction  
XD = Cross Direction  
N/A = Not Applicable

*Tyvek® (style 1422A) can be colour printed. Some of the property value of coloured Tyvek® may differ slightly from those shown for white Tyvek® (style 1422A).*

#### Flammability

Tyvek® (style 1422A) fabrics are not flame resistant and should not be used close to fires, sparks, flames or sources of intense heat.

Tyvek® (style 1422A) melts at 135°C.

