

# Technical Data Sheet

## Pyrolon XT

<b>Product Description</b>	Breathable disposable coverall combining splash protection and flame retardency
<b>Material</b>	Mix of viscose, rayon and chemical treatment designed to offer chemical repellency and flame retardency
<b>Standard Style</b>	Coverall with Hood, elastic waist wrists and ankles * other styles available
<b>Seam Type</b>	3 thread over lock stitch
<b>Colour</b>	Blue

CE Standards	Description	Approved
EN 340: 2002	Protective Clothing: General Requirements	Yes
EN 13034: 2005	Protection from reduced spray of liquid chemicals - Type 6	Yes
EN 13982: 2004	Protection from hazardous dry particles - Type 5	Yes
EN 14605: 2005	Liquid Chemical protection : Garments with spray tight seams - Type 4	N/A
EN 14065: 2005	Liquid Chemical Protection : Garments with liquid tight seams - Type 3	N/A
EN 1149-1: 2005	Anti-static requirements (Surface Resistance)	Yes
EN 1073-2: 2002	Protection from radiation contaminated particulates	Yes
EN 14116: 2008	Protection against heat and flame	Yes (Index 1)

### Physical Properties

Test No	Description	Units	Result	EN Class
EN 530	Abrasion Resistance	cycles	100	2
EN 863	Puncture Resistance	N	16.82	2
ISO 2960	Bursting strength	KN/M <sup>2</sup>	153	2
ISO 7854	Flex Cracking Resistance	cycles	>100k	6
ASI 9073	Trapezoidal Tear Strength md/cd	N	64.48/43.53	4/3
EN 5082	Seam Strength	N	144	3
ERT 140.1	Air permeability	L/M <sup>2</sup> /s	177.15	-
EN 14116	Flame Retardency	Index 1	Pass	-

### Particle Barrier - Aloxite Method \*

Particle Size	% Penetration
1.0 - 1.5 mu	14.23
1.5 - 2.0 mu	11.68
2.0 - 2.5 mu	7.87
2.5 - 3.0 mu	6.92
3.0 - 3.5 mu	6.65
> 3.5 mu	5.07

\* Applies to fabric only

\* Anomalies can occur if particles coagulate downstream of the fabric and are counted as larger particles

### Liquid Chemical Repellency and Permeation

Test No	Description	Chemical	Repellency %	Penetration %
EN 368	Chemical Repellency	Sulphuric Acid 30%	97	1
	(For Type 6 garments)	Sodium Hydroxide 10%	96.5	1.3

**For Further information please contact  
Lakeland Europe on +44 1430 478140 or  
sales-europe@lakeland.com**

**Lakeland Industries Europe Ltd**  
Wallingfen Park, 236 Main Road, Newport, East Yorkshire  
United Kingdom  
Tel: +44 1430 478140 / Fax: +44 1430 478144  
sales-europe@lakeland.com