

Technical Data Sheet

Pyrolon XT

Product Description	Breathable disposable coverall combining splash protection and flame retardency
Material	Mix of viscose, rayon and chemical treatment designed to offer chemical repellency and flame retardency
Standard Style	Coverall with Hood, elastic waist wrists and ankles * other styles available
Seam Type	3 thread over lock stitch
Colour	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					Particle Barrier - Aloxite Method *	
Test No	Description	Units	Result	EN Class	Particle Size	% Penetration
EN 530	Abrasion Resistance	cycles	100	2	1.0 - 1.5 mu	14.23
EN 863	Puncture Resistance	N	16.82	2	1.5 - 2.0 mu	11.68
ISO 2960	Bursting strength	KN/M ²	153	2	2.0 - 2.5 mu	7.87
ISO 7854	Flex Cracking Resistance	cycles	>100k	6	2.5 - 3.0 mu	6.92
ASI 9073	Trapezoidal Tear Strength md/cd	N	64.48/43.53	4/3	3.0 - 3.5 mu	6.65
EN 5082	Seam Strength	N	144	3	> 3.5 mu	5.07
ERT 140.1	Air permeability	L/M ² /s	177.15	-	<i>* Applies to fabric only</i> <i>* Anomalies can occur if particles coagulate downstream of the fabric and are counted as larger particles</i>	
EN 14116	Flame Retardency	Index 1	Pass	-		

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

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