

Technical Data Sheet

Pyrolon TPCR

Product Description	Chemical and flame retardant coverall
Material	Proprietary FR treated needlepunched nonwoven fabric coated with an FR PVC film. 330gsm.
Standard Style	Coverall with hood
Seam Type	Stitched and taped seams with double zip and flap.
Colour	Orange

CE Standards	Description	Approved
EN 340: 2002	Protective Clothing: General Requirements	Yes
EN ISO 11612: 2008	Protective clothing – clothing to protect against heat and flame	Yes
EN ISO 11611: 2007	Protective clothing – Protective clothing for use in welding and allied processes	Yes
EN 14605:2005	Liquid Chemical protection : Garments with spray tight seams - Type 4	Yes
EN61482-1-2/ ASTM F1959M-06a	Arc Protection	Yes
EN 1149-5: 2008	Anti-static requirements	Yes

Physical Properties

Test No	Description	Units	Result	EN Class
EN 1149-2:1997	Electrical resistance	Ohms	3.6 x 10 (10)	Pass
ISO15025:2000 A1	Flame Spread Face Ignition	-	A1	Class 1 + 2
ISO15025:2000 A2	Flame Spread Edge Ignition	-	A2	Class 1 + 2
ISO 17493:2000	Heat resistance	180 degrees	-	Pass
ISO 9151:1995	Convective heat	Seconds	5.7s	B1
ISO 6942:2002	Radiant heat	Seconds	17.9s	C1
ISO 9185:2007	Molten Aluminium Splash	Gram	102g	D1
ISO 9185:2007	Molten Iron Splash	Gram	63g	E 1
ISO 12127:1996	Contact Heat	Seconds	8.2s	F1
EN 61482-1-2	Electric Arc	Ka	4ka	
ASTM F1959M-06a	Arc Rating	Cal/m(2)	21.9	

Physical Properties

Test No	Description	Units	Result	EN Class
EN 530	Abrasion Resistance	cycles	>100<500	2
EN 863	Puncture Resistance	N	15	2
ISO 2960	Bursting strength	KN/M ²	90	2
ISO 7854	Flex Cracking Resistance	cycles	>15k	4
ASI 9073	Trapezoidal Tear Strength md/cd	N	65.2/63.2	4
EN 5082	Seam Strength	N	347	5

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

Lakeland Industries Europe Ltd
Jet Park 2, 244 Main Road, Newport, East Yorkshire
United Kingdom
Tel: +44 1430 478140 / Fax: +44 1430 478144
sales-europe@lakeland.com