

ANNEX

EU TYPE EXAMINATION CERTIFICATE Nr. 086/2018/0204

1. Applicant

ChemDefend Co Ltd
25/F OTB Building
160 Gloucester Road, Wanchai
Hong Kong

2. Description

EN 1149-5:2008



EN 13034:2005+A1:2009

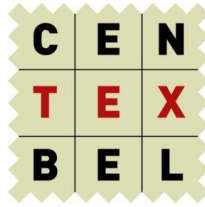


Type 6

EN ISO 13982-1:2004+A1:2010



Type 5



EN 14126:2003



Type 5B

Type 6B

EN1073-2:2002



Class 1

3. Materials and accessories

Outer fabric

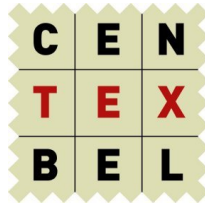
- KOAR 6328530ASW

Seam

- KOAR 6328530ASW with seam 100% PE thread

Garment

- ChemDefend® 250



4. Technical documentation

Summary test results

EN 13034:2005+A1:2009 Outer fabric **KOAR 6328530ASW**

Method	Description	Result	Class
ISO 9073 4	Tear resistance trapezoidal	PASS	Class 2
EN 368 penetration o-xylene	Liquid penetration	PASS	Class 3
EN 368 repellency NaOH	Liquid repellency	PASS	Class 3
EN 368 penetration NaOH	Liquid penetration	PASS	Class 3
EN 863	Puncture resistance	PASS	Class 1
ISO 5077	Dimensional change of woven textile mat.	/	/
EN 368 repellency butan-1-ol	Liquid repellency	PASS	Class 3
EN 530 Methode2	Abrasion resistance	PASS	Class 3
EN 368 repellency H2SO4	Liquid repellency	PASS	Class 3
ISO 15797	Pre-treatment	/	/
EN 368 penetration H2SO4	Liquid penetration	PASS	Class 3
EN ISO 13934 1	Tensile strength and elongation	PASS	Class 1
ISO 6330	Pre-treatment	/	/
EN 368 repellency o-xylene	Liquid repellency	PASS	Class 2
EN 368 penetration butan-1-ol	Liquid penetration butan-1-ol	PASS	Class 3

EN ISO 13982-1:2004+A1:2010 Outer fabric **KOAR 6328530ASW**

Method	Description	Result	Class
ISO 9073-4	Tear resistance trapezoidal	PASS	Class 2
EN ISO 7854 methode 2	Flex cracking resistance	PASS	Class 3
ISO 6330	Pre-treatment	/	/
EN 530 Methode2	Abrasion resistance	PASS	Class 3
ISO 15797	Pre-treatment	/	/
EN 863	Puncture resistance	PASS	Class 1

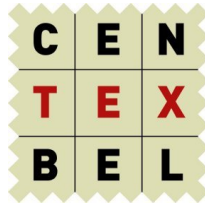
EN 14126:2003 Outer fabric **KOAR 6328530ASW**

Method	Description	Result	Class
ISO/FDIS 16603	penetration by infective agents synthetic blood test	PASS	Class 6
ISO/FDIS 16604	penetration by infective agents bacteriophage test	PASS	Class 6
ISO/DIS 22611	resistance to penetration by contaminated liquid aerosols	PASS	Class 3
EN ISO 7854 methode 2	Flex cracking resistance	PASS	Class 3
ISO 9073 4	Tear resistance trapezoidal		Class 2
EN 530 Methode2	Abrasion resistance	PASS	Class 3
ISO 15797	Pre-treatment	/	/
Annex A - EN14126	Test method for resistance to wet bacterial barrier penetration	PASS	Class 6

CENTEXBEL • TEXTILE COMPETENCE CENTRE

Technologiepark 7 • BE 9052 Gent • Belgium • phone +32 9 220 41 51 • fax +32 9 220 49 55 • gent@centexbel.be • www.centexbel.be

VAT • BE 0459.218.289 • IBAN • BE 44 2100 4729 6545 • BIC • GEBABEBB



ISO 6330	Pre-treatment	/	/
EN 863	Puncture resistance	PASS	Class 1
ISO/DIS 22612	resistance to penetration by contaminated solid particles	PASS	Class 3
EN ISO 7854 methode B -30°C	Flex cracking resistance at -30°C	/	/
EN ISO13934 1	Tensile strength and elongation	PASS	Class 1

EN ISO 13688:2013 Outer fabric **KOAR 6328530ASW**

Method	Description	Result	Class
ISO 1413 textiel	pH	PASS	
ISO 5077	Dimensional stability	/	/
EN 14362-1:2003	Arylamines	/	/

EN 1073-2:2002 Outer fabric **KOAR 6328530ASW**

Method	Description	Result	Class
ISO 6330	Pre-treatment + désinfection	/	/
ISO 9073 4	Tear resistance trapezoidal	PASS	Class 2
EN 530 Methode2	Abrasion resistance	PASS	Level 3
EN 863	Puncture resistance	PASS	Class 1
ISO 15797	Pre-treatment + désinfection	/	/
EN 25978	Resistance to blocking - coated material	PASS	

EN 13034:2005+A1:2009 Seam **KOAR 6328530ASW with seam 100% PE thread**

Method	Description	Result	Class
ISO 15797	Pre-treatment	/	/
ISO 13935-2	Seam strength	PASS	Class 4
ISO 6330	Pre-treatment	/	/

EN ISO 13982-1:2004+A1:2010 Seam **KOAR 6328530ASW with seam 100% PE thread**

Method	Description	Result	Class
ISO 6330	Pre-treatment	/	/
ISO 15797	Pre-treatment	/	/
ISO 13935-2	Seam strength	PASS	Class 4

EN 14126:2003 Seam **KOAR 6328530ASW with seam 100% PE thread**

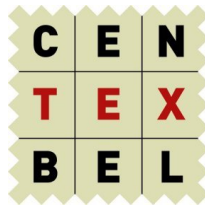
Method	Description	Result	Class
ISO 13935-2	Seam strength	PASS	Class 4
ISO 15797	Pre-treatment	/	/
ISO 6330	Pre-treatment	/	/

EN 1073-2:2002 Seam **KOAR 6328530ASW with seam 100% PE thread**

CENTEXBEL • TEXTILE COMPETENCE CENTRE

Technologiepark 7 • BE 9052 Gent • Belgium • phone +32 9 220 41 51 • fax +32 9 220 49 55 • gent@centexbel.be • www.centexbel.be

VAT • BE 0459.218.289 • IBAN • BE 44 2100 4729 6545 • BIC • GEBABEBB



Method	Description	Result	Class
ISO 15797	Pre-treatment + disinfection	/	/
ISO 6330	Pre-treatment + déinfection	/	/
ISO 13935-2	Seam strength	PASS	Class 4

EN 13034:2005+A1:2009 Garment **ChemDefend® 250**

Method	Description	Result	Class
ISO 15797	Pre-treatment	/	/
EN ISO 17491-4	Spray test	PASS	
ISO 6330	Pre-treatment	/	/

EN ISO 13982-1:2004+A1:2010 Garment **ChemDefend® 250**

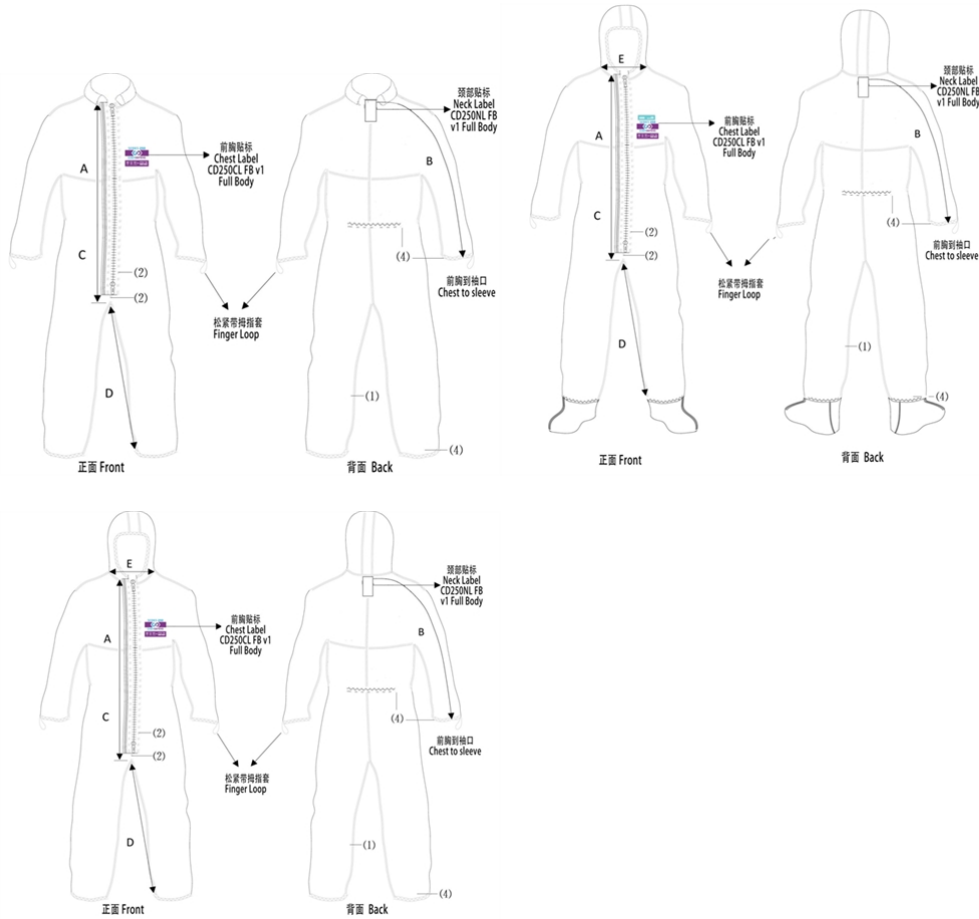
Method	Description	Result	Class
ISO 6330	Pre-treatment	/	/
ISO 15797	Pre-treatment	/	/
ISO 13982-2	Inward leakage of aerosols of solid articles	PASS	

EN 1073-2:2002 Garment **ChemDefend® 250**

Method	Description	Result	Class
ISO 6330	Pre-treatment + déinfection	/	/
EN13982-2	Nominal protection factor	PASS	Class 1
EN1073-2 Part 5.2	Practical performance test	PASS	
ISO 15797	Pre-treatment + disinfection	/	/

Description/Picture of article

Article **ChemDefend® 250**



The above picture is a general picture of the article. Possible variations of the above article can be present in the technical file.

Note :

Any modification in material, design, or other technical features must be brought to the attention of the Notified Body.