Technical Data Sheet

DuPont™ ProShield® 20 , PBCHF5SWH00

CAT III T5 T6 EN 1073-2 EN 1149-5

ProShield® 20

DuPont™ ProShield® 20 White. Hooded coverall. Stitched external seams. Elasticated wrists, ankles and face. Elasticated waist (stitched-in). Zipper flap. White.

Certifications

- Certified according to Regulation (EU) 2016/425
- Chemical protective clothing, Category III, Type 5 and 6
- EN 1073-2 (protection against radioactive contamination)
- Antistatic treatment (EN 1149-5) - on both sides
- Stitched external seams
- Nylon zipper with flap

Packaging(Quantity/Box)

50 per box, individually packed.

Product Size	Article Number	Additional info
SM	D15338118	
MD	D15338122	
LG	D15338134	
XL	D15338149	
2X	D15338157	
3X	D15338160	

Full Part Number: PBCHF5SWH00

PHYSICAL PROPERTIES

Property	Test Method	Typical Result	EN
Abrasion Resistance [7]	EN 530 Method 2	>10 cycles	1/6 [1]
Basis Weight	DIN EN ISO 536	43 g/m^2	N/A
Colour	N/A	White	N/A
Exposure to high Temperature	N/A	Melting point ~165 °C	N/A
Flex Cracking Resistance [7]	EN ISO 7854 Method B	>1000 cycles	1/6 [1]
Puncture Resistance	EN 863	>5 N	1/6 [1]
Resistance to water penetration	DIN EN 20811	3 kPa	N/A
Surface Resistance at RH 25%, inside [7]	EN 1149-1	< 2,5 • 10^9 Ohm	N/A
Surface Resistance at RH 25%, outside [7]	EN 1149-1	< 2,5 • 10^9 Ohm	N/A
Tensile Strength (MD)	DIN EN ISO 13934-1	>30 N	1/6 [1]
Tensile Strength (XD)	DIN EN ISO 13934-1	>30 N	1/6 [1]
Trapezoidal Tear Resistance (MD)	EN ISO 9073-4	>10 N	1/6 [1]
Trapezoidal Tear Resistance (XD)	EN ISO 9073-4	>10 N	1/6 [1]

1 According to EN 14325 **2** According to EN 14126 **3** According to EN 1073-2 **4** According to EN 14116 **12** According to EN 11612 **5** Front Tyvek ® / Back **6** Based on test according to ASTM D-572 **7** See Instructions for Use for further information, limitations and warnings **>** Larger than **<** Smaller than **N/A** Not Applicable **STD DEV** Standard Deviation

GARMENT PERFORMANCE

Property	Test Method	Typical Result	EN
Nominal protection factor [7]	EN 1073-2	>5	1/3 [3]
Seam Strength	EN ISO 13935-2	>50 N	2/6 [1]
Shelf Life [7]	N/A	3 years [6]	N/A
Type 5: Inward Leakage [11]	EN ISO 13982-2	14 %	N/A
Type 5: Inward Leakage of Airborne Solid Particulates	EN ISO 13982-2	Pass [7]	N/A
Type 6: Resistance to Penetration by Liquids (Low Level Spray Test)	EN ISO 17491-4, Method A	Pass	N/A

1 According to EN 14325 **3** According to EN 1073-2 **12** According to EN 11612 **13** According to EN 11611 **5** Front Tyvek ® / Back **6** Based on test according to ASTM D-572 **7** See Instructions for Use for further information, limitations and warnings **11** Based on the average of 10 suits, 3 activities, 3 probes **>** Larger than **<** Smaller than **N/A** Not Applicable **•** Based on lowest single value

PENETRATION AND REPELLENCY

Property	Test Method	Typical Result	EN
Repellency to Liquids, Sodium Hydroxide (10%)	EN ISO 6530	>80 %	1/3 [1]
Repellency to Liquids, Sulphuric Acid (30%)	EN ISO 6530	>95 %	3/3 [1]
Resistance to Penetration by Liquids, Sodium Hydroxide (10%)	EN ISO 6530	<5 %	2/3 [1]
Resistance to Penetration by Liquids, Sulphuric Acid (30%)	EN ISO 6530	<5 %	2/3 [1]

1 According to EN 14325 **>** Larger than **<** Smaller than

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- This garment and/or fabric are not flame resistant and should not be used around heat, open flame, sparks or in potentially flammable environments.

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