

## **KIMTECH PURE\* A6 Breathable and Liquid Protection Coveralls Technical Data**

<b>Fabric Tests</b>	<b>Test Method</b>	<b>Result</b>
Particle shedding test (Helmke Drum)	IEST-RP-CC003.3	Category II
Bacterial Filtration Efficiency (3.0 micro)	ASTM F2101	94.6%
Abrasion Resistance	EN 530 Method 2	Class 3
Flex Cracking Resistance	ISO 7854 Method B	Class 2
Trapezoidal Tear Resistance	ISO 9073-4	Class 2
Puncture Resistance	EN 863	Class 1
Tensile Strength	EN ISO 13934-1	Class 1
Resistance to Ignition	EN 13274-4 Method 3	Class 2*

\*Class 2 for the seam strength between film laminated fabric to SMS fabric.

### **Testing performed on laminated SMS fabric, applicable for hood, front panel, arms and legs**

<b>EN ISO 6350:2005 – Resistance of penetration by liquids/chemicals</b>	<b>CAS Number</b>	<b>Penetration Class</b>	<b>Penetration %</b>	<b>Repellency Class</b>	<b>Repellency %</b>
Sodium Hydroxide (applicable 10%)	1310-73-2	3	<1%	3	>95%
Sulphuric Acid, 30%	7664-93-9	3	<1%	3	>95%
o-Xylene, 100%	1330-20-7	3	<1%	2	>90%
1-Butanol, 100%	71-36-3	3	<1%	2	>90%

**Testing performed on the breathable SMS fabric applicable for the back panel**

<b>EN ISO 6350:2005 – Resistance of penetration by liquids/chemicals</b>	<b>CAS Number</b>	<b>Penetration Class</b>	<b>Penetration %</b>	<b>Repellency Class</b>	<b>Repellency %</b>
Sodium Hydroxide (applicable 10%)	1310-73-2	3	<1%	3	>95%
Sulphuric Acid, 30%	7664-93-9	3	<1%	3	>95%
o-Xylene, 100%	1330-20-7	0	-	0	-
1-Butanol, 100%	71-36-3	0	-	0	-