

Welspring™ Reusable Isolation Gowns

Australian Register of Therapeutic Goods No. 334389

Characteristics	Tests	Results for New, Unused Gowns
Product Safety		
Impact Penetration	AATCC TM 42-2017	Level 3 performance
Hydrostatic Resistance	AATCC TM 127-2018	Level 3 performance
US CPSIA Compliance	16CFR1303	CPSIA compliant
Flammability	US CPSC 16 CFR Part 1610-2008	Class 1 Normal Flammability - CPSIA compliant
Lead	CPSC-CH-E1002-08.3	Not detected - CPSIA compliant
Phthalates	CPSC-CH-C1001-09.3	Not detected - CPSIA compliant
Fabric Characteristics		
Fabric Type and Weight	AS 2001.2.13-1987	Polyurethane laminated polyester, 137 g/m ²
Adhesion Strength	ASTM D751-19 Section 50-53	Not applicable as the fabric cannot be stripped
Tensile Strength	ASTM D5034-09 (Reapproved 2017)	Not applicable due to special construction of fabric
Tear Resistance	ASTM D5587-15 (Reapproved 2019)	Warp/length yarns torn 148 N Weft/width yarns torn 88 N
Thermal and Evaporative Resistance	ASTM F1868-17 Procedure Part C	Mean thermal resistance (Rcf) 0.0071 m ² .K/W Mean apparent evap. resistance (RefA) 93.1 Pa.m ² /W Total heat loss, Qt 249.6 w/m ²
Colourfastness		Rating scale: 1 (very severe change) to 5 (no change)
Washing	AS 2001.4.15-2006	4 - 5 in Wash Test G at 95°C for 260 minutes
Water	AS 2001.4.E01-2001 Multifibre DW	4 - 5
Perspiration	AS 2001.4.E04-2005	4 - 5 in both acid and alkaline solutions
Rubbing	AS 2001.4.3.1995	4 - 5 for both dry and wet, both length and width
Laundry Stability		
Laundrying of Textile Fabrics and Garments - Cubex Method	AS 2001.5.5-1987 Procedure 3D	Shrinkage -0.5% in length and 0.0% in width Negative sign denotes shrinkage 70°C for 60 minutes in 10 L liquor, then hot tumble dry