

Performance standards for Surgical Gowns and Drapes

In response to the draft European Standard prEN 13795-1 drawn up by CEN/TC 205, Shirley Technologies Ltd are able to offer a comprehensive development and testing service covering all aspects of the proposed standard methods.

Physical Testing

- **Burst strength** Wet and dry according to ISO 13938, part 1
- **Tensile strength** Wet and dry according to EN 29073, part 3
- **Tear strength** Wet and dry according to EN ISO 9073, part 4
- **Hydrostatic Head** Test according to EN 20811 with water.
- **Organic Matter** Water soluble substances according to EN 1644(part 1, Annex D)
- **Absorption** ISO 9073-6
- **Linting Tendency** EDANA 220.0.96

Microbial Cleanliness and Barrier Properties

Cleanliness to BS EN 1174, part 2
Viral barrier properties to ASTM F1671:95
Synthetic Blood Barrier to ASTM 1670:95
Dry bacterial penetration to prEN ISO 13795-3
Wet bacterial penetration to prEN ISO 22610



Listed above are just some of the standards available. If you require assistance with a standard not mentioned here please do not hesitate to contact us, we may already offer or be equipped to offer this test.

For further information contact Shirley Technologies Ltd

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