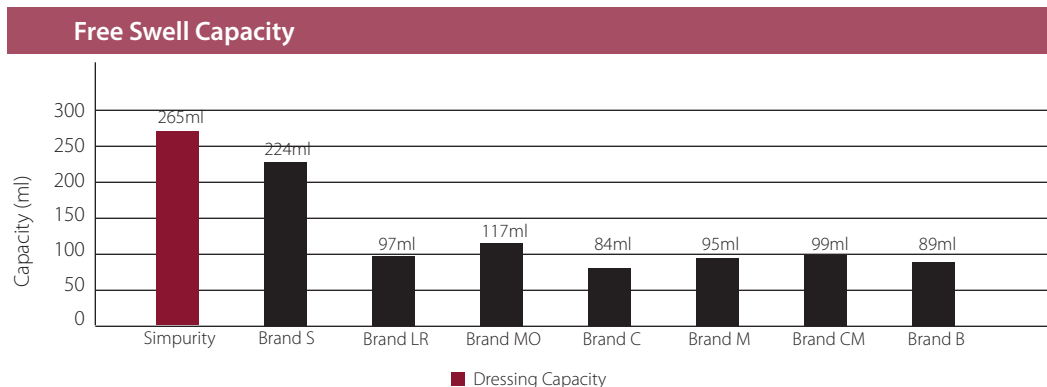


**Simpurity™ Polymer Pad Wound Dressing** is comprised of a soft and highly absorbent polymer foam pad with a white mesh contact layer and light blue adhesive free outer cloth protection layer. This polymer pad wound dressing helps maintain a moist environment by absorbing proteases and MMPs while wicking excess wound drainage and harmful components away from the wound and traps them in the dressing to accelerate healing

The following in-vitro data provides clear evidence of **Simpurity™ Polymer Pad Wound Dressings** superior fluid handling capacity, in comparison to the leading marketed superabsorbent dressings. The data was generated by an independent laboratory.

## 1. Free Swell - which product has the highest capacity?

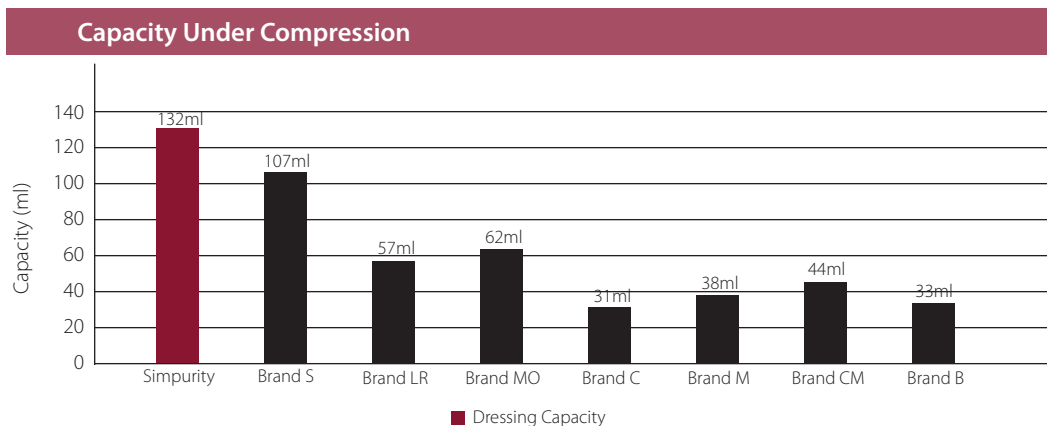
The test method to measure free swell capacity followed standard EN 13726-1:2002(except where different methodology is indicated). The dressings were put into a test solution (conc.0.83%NaCl with 0.037% CaCl2) at 37°C. The volume of the fluid was equivalent to 40 times the weight of each dry dressing .In order to use in the standard). The dressing was left in the fluid 10cm\*10cm dressing size was tested (instead of the 5cm\*5cm set out in the standard ).The dressing was left in the fluid for 30 minutes ,then allowed to drain for 30 seconds before it was weighed . Dressings were tested in triplicate .For ease of reference, capacity results are set out in ml per 10cm\*10cm dressing (instead of g).



**Simpurity™ Polymer Pad Wound Dressing** provides significantly superior performance compared to the other dressings tested, offering a highly cost efficient solution for moderate-to-highly exuding wounds.

## 2. Under Compression - which product has the highest capacity?

The swollen sample was covered with the weight, which was equivalent to 5.42kg (equivalent to 40mmHg) (compression pressure), and the expressed liquid was aspirated. After removal of the weight, the sample was re-weighed. The absorption capacity under pressure gives the retention capacity.



**Simpurity™ Polymer Pad Wound Dressing** absorbs considerably more than any of the other dressings under compression.

## Compression of the pad area of '10cm x 10cm' dressings



**Simpurity™ Polymer Pad Wound Dressing** is supported by excellent clinical outcomes:

- Now demonstrated by clear in-vitro data on fluid handling
- Absorbs far more than any of the other dressings tested