

# Technical Services

## Vital Statistics

Technical Services provides information on Berkshire products, quality programs and services.

Berkshire's demanding QA program has been developed to evaluate the suitability of Berkshire products to perform various functions. In addition to guaranteeing consistent product quality, the data generated by these tests is vital to Berkshire's quality assurance and product development.

Berkshire's quality system is certified to the ISO 9002 standard. If you would like more information Regarding Berkshire's QA Program or Test Methods please contact a sales representative or the Customer Service Department.

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[www.berkshire.com](http://www.berkshire.com)

### MicroSeal 3000-9x9"

(100% knitted polyester, laundered, sealed edge)

|                                                        |        |
|--------------------------------------------------------|--------|
| <b>Basis Weight</b> (g/m <sup>2</sup> )                | 135    |
| <b>Caliper</b> (μm)                                    | 424    |
| <b>Density</b> (g/cc)                                  | 0.318  |
| <b>Fibers</b> (/cm <sup>2</sup> )                      | 0.040  |
| <b>Particles (≥ 0.5μm):</b>                            |        |
| (biaxial shake) ( x 10 <sup>3</sup> /cm <sup>2</sup> ) | 0.73   |
| (dry flex) (particles/cu ft)                           | 64     |
| <b>Absorbency</b> (cc/m <sup>2</sup> )                 | 488    |
| <b>Specific Absorbency</b> (cc/g)                      | 3.6    |
| <b>Time To 1/2 Sorbtion</b> (sec)                      | 1      |
| <b>Extractables:</b>                                   |        |
| H <sub>2</sub> O (%)                                   | 0.031  |
| 2-Propanol (%)                                         | 0.076  |
| <b>Ions (ppm):</b>                                     |        |
| Na <sup>+</sup>                                        | 0.16   |
| K <sup>+</sup>                                         | 0.0067 |
| Ca <sup>++</sup>                                       | 0.056  |
| Mg <sup>++</sup>                                       | 0.019  |

(Average of data as of 07/02)

Berkshire

