

## PRODUCT SPECIFICATION

**ITEM : BEMCOT PS-2**

**Part Number : DYC101-01-09**



### MATERIAL DESCRIPTION

This non-woven fabric was developed in 1974. It is produced by a wet spinning process. This entire manufacturing process is a continuous one, from the beginning when the fabric is spun, until the end when the fabric is wound ready for transport. The total process is called “Wet Spunbound Process” and named this non-woven fabric “Bemliese”. There is no similar process anywhere else in the world, and “Bemliese” has a unique composition, structure and properties.

Bemcot is the world’s first binder free, long fibre cellulosic non woven fabric. It causes little fluff and virtually eliminates fibre fall-off. Bemcot is essential where true cleanliness is required.



### RECOMMENDED APPLICATIONS

Class 5000 application and where absorbency and scratches are critical. Applicable for spill control, machine wipe down, general lab maintenance, cleaning PCB, silk screen cleaning, PCB solder paste cleaning, etc.



### SPECIFICATIONS

<i>Product Description</i>	
Size	100 mm × 210 mm
Packing	300pcs/48pkts/ctn
Material Composition	100% Cellulose



<i>Physical Properties</i>	
Basis Weight	13.5 g/m <sup>2</sup>
Absorption Capacity	13.0 ml/g
Absorbent Rate	23.0 ml/m <sup>2</sup> sec
Frictional Electricity	330 V
Tensile strength (Dry / 5cm)	<ul style="list-style-type: none"> <li>• MD : 2.8 kg/5cm</li> <li>• CD : 0.7 kg/5cm</li> </ul>



<b>Particles</b>	
Dry	$2 \times 10^2 / \text{CF}$
Wet	$30 \times 10^4 / \text{m}^2$



<b>Metallic Ions</b> (ppm)	Test Method : Extractable ions in deionised water
Na <sup>+</sup>	9.2
K <sup>+</sup>	0.2
Ca <sup>++</sup>	0.0
<b>Zn</b>	0.0



<b>Nonvolatile residue</b> (mg/m <sup>2</sup> )	
Water	8.8
IPA	1.5



Allowed for Circulation  
Cleanroom Division – Y2003



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