

## Data Sheet

# QT PRE-SATURATED NON-WOVEN MBPP MELT BLOWN POLYPROPYLENE WIPES



QT's Melt Blown Polypropylene (MBPP) fabric is unmatched in durability. It is exceptionally clean, free from additives and low in particles and fibers making them ideal for a variety of critical applications. QT Pre-Saturated MBPP wipers are available with 70% IPA, 70% SDA and RTU Detergent.

### Pre-Saturated Nonwoven MBPP Melt Blown Polypropylene Wipes

Pre-saturated Nonwoven Melt Blown Polypropylene wipes are packaged in resealable pouches.

#### Features

- Resealable pouches prevent solvents from evaporating
- Provides faster, more effective and accurate cleaning than dry wipes manually applied with alcohol or other cleaning liquids at work stations.
- Also available in sterile form for aseptic usage

#### Applications

- Recommended for use in Class 100 – 100,000 (ISO 5-8) cleanroom environment
- Perfect for general cleaning, maintenance, wipe down, final inspection and field service use

#### Technical Data

|  |   |
|--|---|
| Basis Weight   | 36 ±4 gsm                                     |
| Thickness  | 0.18 - 0.24 mm                                |
| Absorbency Capacity (IEST-RP-CC004.3, Sec 8.1)                         | > 150 mL/m <sup>2</sup>                       |
| Absorbency Rate (IEST-RP-CC004.3, Sec 8.2)                             | < 1.0 sec                                     |
| Particles by APC sizes@≥0.5µm (IEST-RP-CC003.2, Helmke drum @ 10rpm)   | 150 counts/pc                                 |
| Particles by LPC sizes@≥0.5µm (IEST-RP-CC004.3, Sec 6.1.4)             | 28.59 x 10 <sup>6</sup> counts/m <sup>2</sup> |
| Non-volatile Residue, NVR (IEST-RP-CC004.3, Sec 7.1.2)                 |   |
| In WFI water   | 0.152 g/m <sup>2</sup>                        |
| In IPA   | 0.105 g/m <sup>2</sup>                        |
| Organics by FTIR (IEST-RP-CC004.3, Sec 7.2.1)                          | No Silicone oil, Amide, DOP detected          |
| Fibre, Particles >100µm (IEST-RP-CC004.3, Sec 6.1.4, 6.2.2.1, 6.2.2.2) | 235 counts/m <sup>2</sup>                     |
| Ionics, IC (IEST-RP-CC004.3, Sec 7.1.2)                                |   |
| Chloride (Cl)  | 30.23 ppm                                     |
| Sodium (Na)  | 6.13 ppm                                      |
| Potassium (K)  | 2.01 ppm                                      |
| Magnesium (Mg)   | 3.8 ppm                                       |
| Calcium (Ca)   | 14.76 ppm                                     |

Note:

Data shown are typical values and should not be used as specifications.



**QuantumTec offers a complete line of Pre-Saturated wipers in many sizes, packaging quantities and substrates.**

All QT Pre-Saturated Wipers are available in both Sterile & Non-Sterile variants.

Each Peel & Reseal pouch is lot numbered and expiry date coded for complete traceability and straightforward record keeping.

All Sterile product is individually double-bagged in heat sealed poly bags and packaged in cases with individually sealed double case Liners.

Sterile wipers are Gamma irradiated to a SAL of  $10^{-6}$  at 25-45 kGy.

**Product Specific Technical Data Sheets are available for Pre-Saturated wipers listed below.**

| Part No.        | Description  | Quantity        | Dimension                         | Weight  | HS Code      | UN Code | Shelf Life |
|-----------------|--|-----------------|-----------------------------------|---------|--------------|---------|------------|
| QT1532-911x20   | Presat Non-Woven MBPP Wipes 70% IPA, 30% WFI, 9"x11" – Sterile               | 10 pouches/case | 290mm (L) x 190mm (W) x 250mm (H) | 3.70 kg | 2905.12.0000 | UN3175  | 24 months  |
| QT1532-911x20NS | Presat Non-Woven MBPP Wipes 70% IPA, 30% WFI, 9"x11"                         | 10 pouches/case | 290mm (L) x 190mm (W) x 250mm (H) | 3.70 kg | 2905.12.0000 | UN3175  | 24 months  |
| QT2534-911x20   | Presat Non-Woven MBPP Wipes 70% SDA with Methanol, 30% WFI, 9"x11" – Sterile | 10 pouches/case | 290mm (L) x 190mm (W) x 250mm (H) | 3.70 kg | 3808 94 9000 | UN3175  | 24 months  |
| QT2534-911x20NS | Presat Non-Woven MBPP Wipes 70% SDA with Methanol, 30% WFI, 9"x11"           | 10 pouches/case | 290mm (L) x 190mm (W) x 250mm (H) | 3.70 kg | 3808 94 9000 | UN3175  | 24 months  |
| QT2532-911x20   | Presat Non-Woven MBPP Wipes 70% SDA with IPA, 30% WFI, 9"x11" – Sterile      | 10 pouches/case | 290mm (L) x 190mm (W) x 250mm (H) | 3.70 kg | 3808 94 9000 | UN3175  | 24 months  |
| QT2532-911x20NS | Presat Non-Woven MBPP Wipes 70% SDA with IPA, 30% WFI, 9"x11"                | 10 pouches/case | 290mm (L) x 190mm (W) x 250mm (H) | 3.70 kg | 3808 94 9000 | UN3175  | 24 months  |

**PRODUCTS AVAILABLE STERILE OR NON-STERILE.**