

# Data Sheet

## Continuous Filament Mat

| Product Specification               |           | CFM955-225 | CFM955-300 | CFM955-450 | CFM955-600 | CFM955-900 | CFM885-375/V45 | CFM985-300            | CFM985-450            | CFM985-600            | CFM981-450 | CFM983-300            |
|-------------------------------------|-----------|------------|------------|------------|------------|------------|----------------|-----------------------|-----------------------|-----------------------|------------|-----------------------|
| Fiberglass Type                     | ISO2078   | E-glass    | E-glass    | E-glass    | E-glass    | E-glass    | E-glass        | E-glass               | E-glass               | E-glass               | E-glass    | E-glass               |
| Sizing                              | ASTM D578 | Silane     | Silane     | Silane     | Silane     | Silane     | Silane         | Silane                | Silane                | Silane                | Silane     | Silane                |
| Linear Weigh of Basic Strands (TEX) | ISO1889   | 25         | 25         | 25         | 25         | 25         | 25             | 25                    | 25                    | 25                    | 25         | 25                    |
| Unit Weight (g/m2)                  | ISO3374   | 225        | 300        | 450        | 600        | 900        | 420            | 300                   | 450                   | 600                   | 450        | 300                   |
| Tensile Strength (N)                | ISO3342   | 70         | 100        | 140        | 160        | 270        | 200            | /                     | /                     | /                     | /          | /                     |
| Loss on Ignition (%)                | ISO1887   | 6          | 5.5        | 4.6        | 4.2        | 3.8        | 6              | 5                     | 5                     | 5                     | 1          | 3                     |
| Moisture Content (%)                | ISO3344   | 0.2        | 0.2        | 0.2        | 0.2        | 0.2        | 0.2            | 0.2                   | 0.2                   | 0.2                   | 0.2        | 0.2                   |
| Solubility in Styrene               |           | Very Low   | Very Low   | Very Low   | Very Low   | Very Low   | Very Low       | Low                   | Low                   | Low                   | Low        | Low                   |
| Resin Compatible                    |           | UP/VE/EP   | UP/VE/EP   | UP/VE/EP   | UP/VE/EP   | UP/VE/EP   | UP/VE/EP       | UP/VE/EP/PU           | UP/VE/EP/PU           | UP/VE/EP/PU           | PU         | UP/VE/EP/PU           |
| Application / Process               |           | Pultrusion | Pultrusion | Pultrusion | Pultrusion | Pultrusion | Pultrusion     | RTM/ S-RIM/ Infusion/ | RTM/ S-RIM/ Infusion/ | RTM/ S-RIM/ Infusion/ | PU foaming | RTM/ S-RIM/ Infusion/ |
| Width(cm)                           |           | 185cm      | 185cm      | 185cm      | 185cm      | 185cm      | 185cm          | 185cm                 | 185cm                 | 185cm                 | 185cm      | 185cm                 |
| Diameter (Nominal, cm)              |           | 55         | 55         | 55         | 55         | 55         | 55             | 55                    | 55                    | 55                    | 55         | 55                    |
| Roll length (Nominal, m)            |           | 360        | 280        | 190        | 145        | 90         | 200            | 200                   | 130                   | 100                   | 100        | 200                   |
| Roll weight (Nominal, kg)           |           | 150        | 160        | 160        | 160        | 150        | 160            | 110                   | 110                   | 110                   | 80         | 110                   |