

# TECHNICAL DATA SHEET

## SM 520 GG 127 12K C12MM

### CHOPPED FIBRE REINFORCEMENT

|                                              |      |
|----------------------------------------------|------|
| Fiber aeral weight (FAW) [g/m <sup>2</sup> ] | 300  |
| Width [mm]                                   | 1270 |
| Filament count                               | 12K  |
| Filament yield [tex]                         | 800  |
| Chopped fibre length [mm]                    | 12   |
| Support                                      | -    |
| Support FAW [g/m <sup>2</sup> ]              | -    |

### FIBER SPECIFICATIONS

|                              |      |
|------------------------------|------|
| Grade                        | HS   |
| Precursor                    | PAN  |
| Filament diameter [μm]       | 7    |
| Tensile strength [MPa]       | 4900 |
| Tensile modulus [GPa]        | 235  |
| Elongation at break [%]      | 2,1  |
| Density [g/cm <sup>3</sup> ] | 1,82 |

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