

## TECNOPRENE®FK5U LE Black 951 - PP

### Description

PP homopolymer, 25% glass fiber reinforced, chemically bonded, UV stabilized, low emission

| Physical properties | Value | Unit              | Test Standard |
|---------------------|-------|-------------------|---------------|
| Density             | 1080  | kg/m <sup>3</sup> | ISO 1183      |
| Melt flow rate, MFR | 6     | g/10min           | ISO 1133      |
| MFR temperature     | 230   | °C                | ISO 1133      |
| MFR load            | 2.16  | kg                | ISO 1133      |

| Mechanical properties            | Value | Unit | Test Standard |
|----------------------------------|-------|------|---------------|
| Tensile stress at break, 5mm/min | 65    | MPa  | ISO 527-2/1A  |
| Flexural modulus, 23°C           | 4800  | MPa  | ISO 178       |

| Thermal properties                      | Value | Unit | Test Standard |
|-----------------------------------------|-------|------|---------------|
| DTUL at 1.8 MPa                         | 145   | °C   | ISO 75-1, -2  |
| Vicat softening temperature, 50°C/h 50N | 133   | °C   | ISO 306       |

