

**TALCOPRENE 1522 SMT U1 NEGRO 900 - PP****Physical properties**

| ISO                 | Value | Unit              | Test Standard |
|---------------------|-------|-------------------|---------------|
| Density             | 1060  | kg/m <sup>3</sup> | ISO 1183      |
| Melt flow rate, MFR | 15    | g/10min           | ISO 1133      |
| MFR temperature     | 230   | °C                | ISO 1133      |
| MFR load            | 2.16  | kg                | ISO 1133      |

**Mechanical properties**

| ISO                                  | Value | Unit              | Test Standard |
|--------------------------------------|-------|-------------------|---------------|
| Tensile modulus                      | 2450  | MPa               | ISO 527-2/1A  |
| Tensile stress at yield, 50mm/min    | 30    | MPa               | ISO 527-2/1A  |
| Tensile strain at break, 50mm/min    | 15    | %                 | ISO 527-2/1A  |
| Flexural modulus, 23°C               | 2250  | MPa               | ISO 178       |
| Charpy impact strength, 23°C         | 23    | kJ/m <sup>2</sup> | ISO 179/1eU   |
| Charpy notched impact strength, 23°C | 3.3   | kJ/m <sup>2</sup> | ISO 179/1eA   |
| Izod impact notched, 23°C            | 3.3   | kJ/m <sup>2</sup> | ISO 180/1A    |

**Thermal properties**

| ISO                                     | Value | Unit | Test Standard |
|-----------------------------------------|-------|------|---------------|
| DTUL at 1.8 MPa                         | 65    | °C   | ISO 75-1, -2  |
| Vicat softening temperature, 50°C/h 50N | 92    | °C   | ISO 306       |