
TALCOPRENE OC3520CM NATURAL - PP

Physical properties

| ISO | Value | Unit | Test Standard |
|---------------------|-------|-------------------|---------------|
| Density | 1040 | kg/m ³ | ISO 1183 |
| Melt flow rate, MFR | 36 | 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 stress at yield, 50mm/min | 28 | MPa | ISO 527-2/1A |
| Flexural modulus, 23°C | 2300 | MPa | ISO 178 |
| Flexural stress at max. force | 44 | MPa | ISO 178 |
| Izod impact notched, 23°C | 3.5 | kJ/m ² | ISO 180/1A |
| Izod impact unnotched, 23°C | 45 | kJ/m ² | ISO 180/1U |

Thermal properties

| ISO | Value | Unit | Test Standard |
|---|-------|------|---------------|
| DTUL at 0.45 MPa | 65 | °C | ISO 75-1, -2 |
| Vicat softening temperature, 50°C/h 50N | 86 | °C | ISO 306 |