

PP-30(CF+GF)

Product Description

PP homopolymer,30% Mix Filled (glass fibers+cellulose fibers)

| PHYSICAL | UNIT | ISO Test Method | Property Value |
|-------------------------------------|-------------------|------------------------|-----------------------|
| Density | g/cm ³ | 1183 | 1,11 |
| Melt Flow Index (190 C/5 Kg) | g/10min | 1133 | 3,00 |
| MECHANICAL | | ISO Test Method | Property Value |
| Tensile Modulus, (23°C) | Mpa | 527 | 4536,00 |
| Tensile stress at yield, (23°C) | Mpa | 527 | 43,00 |
| Tensile strain at yield, (23°C) | | 527 | 3,10 |
| Flexural Modulus, (23°C) | Mpa | 178 | 3923,00 |
| Flexural Max Load, (23°C) | Mpa | 178 | 69,50 |
| IMPACT | | ISO Test Method | Property Value |
| Izod Notched Impact Strength (23°C) | KJ/m ² | 180/A | 5,30 |
| THERMAL | | ISO Test Method | Property Value |
| HDT (1,8MPa) | °C | 75/Ae | 131 |
| Vicat Softening Temperature (5 daN) | °C | 306/B50 | 121 |