



Technical Datasheet: F30S

Product Description:

Product obtained by polymerization of propylene in presence of complex organic metal catalysts. It incorporates increased long-term thermal stability which exhibits thermal oxidative degradation resistance when PP is produced, processed and PP-made articles are exploited.

Applications:

Thread

Typical data:

| Property | Test method | Unit | value |
|--------------------------------|-------------|-------------------|-------|
| Density -Specific Gravity | ISO 1183 | g/cm ³ | 0.900 |
| Melt Flow Rate (230°C/2.16kg) | ISO 1133 | g/10 min | 1.3 |
| Tensile Modulus | ISO 527-2 | MPa | 1450 |
| Tensile Stress (Yield) | ISO 527-2 | MPa | 27.0 |
| Tensile Strain | ISO 527-2 | | |
| Yield | | % | 8.0 |
| Break | | % | >50 |
| Charpy Notched Impact Strength | | | |
| 0°C | ISO 179/A | kJ/m ² | 9.0 |
| 23 °C | | kJ/m ² | 40 |
| Gloss (60°) | DIN 67530 | - | 65 |