

ISPLEN® PP 040 C1E

PP

Repsol YPF S.A.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|-------|-------------------|---------------|
| ISO Data | | | |
| Melt flow index, MFI | 3 | g/10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |
| Mechanical properties | | | |
| ISO Data | | | |
| Flexural modulus, 23°C | 1800 | MPa | ISO 178 |
| Charpy notched impact strength, +23°C | 3.5 | kJ/m ² | ISO 179/1eA |
| Thermal properties | | | |
| ISO Data | | | |
| Temp. of deflection under load, 0.45 MPa | 90 | °C | ISO 75-1/-2 |
| Vicat softening temperature, A | 153 | °C | ISO 306 |
| Optical properties | | | |
| ASTM Data | | | |
| Haze | 21 | % | ASTM D 1003 |
| Other properties | | | |
| Density | 905 | kg/m ³ | ISO 1183 |

Characteristics**Processing**

Sheet Extrusion, Thermoforming

Special Characteristics

Transparent

Features

Barrier Properties, Nucleated, Homopolymer

Certifications

Food contact

Applications

Monofilament, Packaging

Regional Availability

North America, Europe, South and Central America, Near East/Africa