

**ISPLEN® PC270 BS**

PP-MX20

Repsol YPF S.A.

| Processing/Physical Characteristics | Value | Unit    | Test Standard   |
|-------------------------------------|-------|---------|-----------------|
| <b>ISO Data</b>                     |       |         |                 |
| Melt flow index, MFI                | 12    | g/10min | ISO 1133        |
| Temperature                         | 230   | °C      | -               |
| Load                                | 2.16  | kg      | -               |
| Molding shrinkage, parallel         | 0.9   | %       | ISO 294-4, 2577 |

| Mechanical properties                 | Value | Unit              | Test Standard |
|---------------------------------------|-------|-------------------|---------------|
| <b>ISO Data</b>                       |       |                   |               |
| Tensile Modulus                       | 1850  | MPa               | ISO 527       |
| Stress at break                       | 19    | MPa               | ISO 527       |
| Flexural modulus, 23°C                | 1800  | MPa               | ISO 178       |
| Charpy notched impact strength, +23°C | 2.3   | kJ/m <sup>2</sup> | ISO 179/1eA   |

| Thermal properties             | Value | Unit | Test Standard |
|--------------------------------|-------|------|---------------|
| <b>ISO Data</b>                |       |      |               |
| Vicat softening temperature, A | 155   | °C   | ISO 306       |
| Vicat softening temperature, B | 99    | °C   | ISO 306       |

| Other properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| Density          | 1040  | kg/m <sup>3</sup> | ISO 1183      |

**Characteristics****Features**

Good Adhesion, Low Warpage, Homopolymer

**Applications**

Electrical and Electronical

**Regional Availability**

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