

**POLIFOR E10 TR/30 H NEGRO 900 - PP**

| Physical properties                     | Value | Unit              | Test Standard |
|-----------------------------------------|-------|-------------------|---------------|
| Density                                 | 1130  | kg/m <sup>3</sup> | ISO 1183      |
| Melt flow rate, MFR                     | 10    | g/10min           | ISO 1133      |
| MFR temperature                         | 230   | °C                | ISO 1133      |
| MFR load                                | 2.16  | kg                | ISO 1133      |
| Mechanical properties                   | Value | Unit              | Test Standard |
| Tensile stress at yield, 50mm/min       | 15    | MPa               | ISO 527-2/1A  |
| Tensile strain at break, 50mm/min       | >100  | %                 | ISO 527-2/1A  |
| Flexural modulus, 23°C                  | 1650  | MPa               | ISO 178       |
| Izod impact notched, 23°C               | 19    | kJ/m <sup>2</sup> | ISO 180/1A    |
| Thermal properties                      | Value | Unit              | Test Standard |
| DTUL at 1.8 MPa                         | 54    | °C                | ISO 75-1, -2  |
| Vicat softening temperature, 50°C/h 50N | 55    | °C                | ISO 306       |
| Flammability @1.6mm nom. thickn.        | HB    | class             | UL 94         |